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*Carolina
Country*
September 1983

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An Economic Development
Case History
See Pages 10-12

**Hope is
something
you
give...**

**when it seems
no one cares.**



The North Carolina Missions Offering—received each Fall through the more than 3,000 Southern Baptist churches in the state—provides support for the Baptist Children's Homes, Baptist Homes for the Aging, Baptist Hospital, Baptist colleges and universities and other state mission ministries of the Baptist State Convention of North Carolina.

North Carolina Missions Offering/Baptist State Convention of N

Leaf Program Needs "Painful Surgery"

"Painful surgery is necessary to save the patient," Agriculture Commissioner James A. Graham was saying one day recently about the federal tobacco program. Congress performed part of the essential surgery when it enacted a one-year freeze on price supports, but the patient will have to return to the operating room soon.

Because tobacco has such a substantial influence on the state's economy, all North Carolinians, not just farmers, have a stake in how the surgery turns out.

In order to prevent severe economic dislocation in this state that would have a spill-over effect on non-farmers, it is crucial that the federal government maintain a program that serves the interests of the thousands of tobacco farmers. But the program is threatened not only by those who, out of a conviction that smoking damages Americans' health, wish to see federal assistance to tobacco farmers eliminated.

The 50-year-old program is also threatened by its own ills, which have become so severe that, as Graham said, it could self-destruct if not reformed.

The program suffers because there is too much tobacco held in warehouses under government loan and too many allotments held by people who do not farm. To correct these difficulties will require sacrifice

on the part of many North Carolinians. The only thing worse than the painful surgery is not having the operation at all.

Freezing the 1983 price supports at the 1982 average of \$169.90 per 100 pounds will undoubtedly help ease some of the financial pressure on the Flue-Cured Stabilization Corp., which possesses 600 million pounds of unsold leaf. It should also help hold down the cost of the program to farmers who must pay a fee to finance it. But it is unlikely to be more than a temporary stop-gap.

As a result of the intercession of Sen. Jesse Helms, the Reagan administration has sought to provide further relief by approving the Stabilization plan to offer rebates to tobacco companies. This is designed to encourage them to purchase more tobacco this year than their average buy from 1980 to 1982. If it works, it will cost money from the funds raised through farmers' fees, but it could ease Stabilization's woes while raising the production quotas and lowering assessments for farmers next year.

And yet, more far-reaching measures still loom. Legislation to require allotment holders to share in the risk of growing tobacco and to shift allotments from non-farmers to farmers remain essential. Helms and Rep. Charles Rose have promised their colleagues that this legislation is on the way, and their constituents

have to continue to recognize the necessity of these reforms, which is discomfiting especially to people who have relied on income from renting tobacco allotments.

The surgery would be difficult enough if congressmen had to deal only with the contentious factions within the tobacco economy and with those who want to kill the program. But it is made even more complex because tobacco reforms are tied legislatively to measures to hold down the costs of dairy, grain and cotton programs.

Federal spending on assistance to farmers has soared from a peak of about \$8 billion in the Carter administration to more than \$20 billion under the Reagan administration, and tobacco legislation is not insulated from the supercharged political atmosphere surrounding agriculture.

All of this provides even more reason why North Carolina tobacco interests should stand behind reforms necessary to save a program upon which so many depend economically. The one-year price freeze and the rebates offer to buyers may be useful Band-Aids, but, as Agriculture Commissioner Graham has recognized, the major surgery can't be put off.

—Raleigh News and Observer

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Six EMCs Face Rising Power Costs

Six North Carolina Electric Membership Corporations will begin paying higher prices for the power they buy from Virginia Electric and Power Co. effective Oct. 31, as a result of a ruling by the Federal

Energy Regulatory Commission.

The new rates authorized by the federal agency will raise the cost of bulk power for the VEPCO-served co-ops in North Carolina and Virginia by between twelve and

nineteen million a year.

Even at the higher level, the new rates will represent a reduction from the levels originally proposed by VEPCO. They would have boosted power costs by about twenty four million a year for the co-ops.

The new rates will go into effect subject to later review by the FERC. If the agency determines that the company cannot fully justify the rates, VEPCO will be required to make refunds accordingly.

In setting the effective date for the new rates, the federal agency suspended them for the maximum period allowed under law—five months. VEPCO had sought to have them take effect in May and July.

Part of the VEPCO rate proposal stems from a recent ruling by FERC allowing the investor-owned utilities to charge their wholesale customers for part of their construction-work-in-progress (CWIP) costs before new plants are completed.

In this case, VEPCO is asking for \$6.3 million annual hike in wholesale rates specifically to cover such costs.

Prior to the FERC ruling, the power companies were not allowed to reflect these costs in their rates until after a new plant became operational.

The EMCs' statewide power supply organization—North Carolina EMC—is opposing the VEPCO rate increase.

That effort has already paid off in the significant savings to be realized from the FERC's suspension of the hike until Oct. 31.

The focus of the co-ops' opposition has now shifted to the CWIP portion of the proposal, which has not yet been given an effective date by FERC.

The North Carolina EMCs affected by the VEPCO rate hike are: Albemarle, Hertford; Cape Hatteras, Buxton; Edgecombe-Martin County, Tarboro; Halifax, Enfield; Roanoke, Rich Square and Tideland, Pantego.



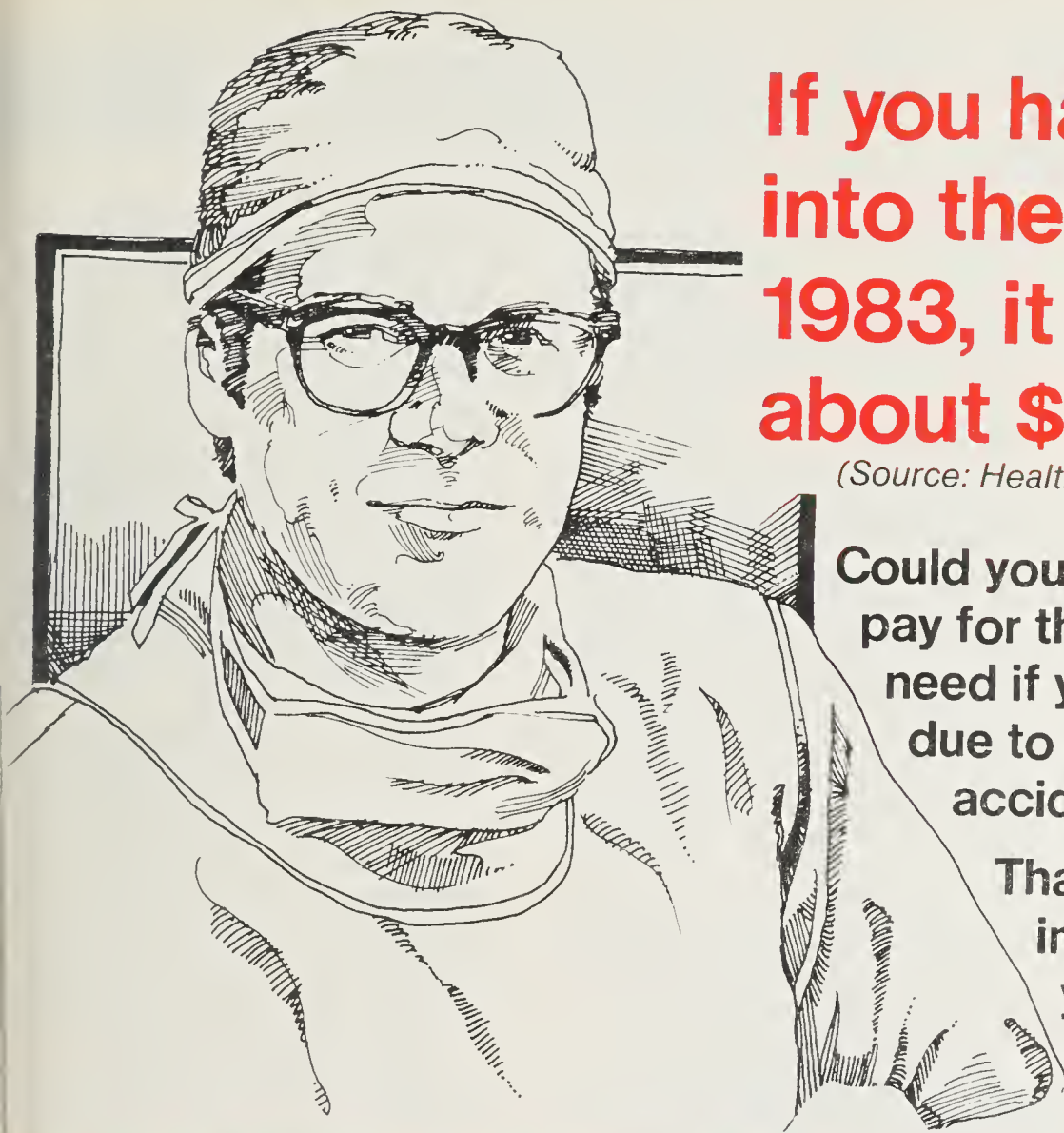
THE IRON • CIRCA 1930

When the lights came on in rural America, the electric iron was first on the shopping list of most women. It is little wonder, since the word "iron" meant just that — a 6-pound wedge of cast iron that had to be heated on a wood stove and handled with a potholder.

The coming of electricity in the '30s was indeed the emancipation of rural women.



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Oktoberfest Set In Murfreesboro

An Oktoberfest celebration has been scheduled for Oct. 1 on the grounds of Historic Roberts-Vaughan Village Center in historic Murfreesboro.

The event, which will run from 10 a.m. to 6:30 p.m., will feature an antique auction, flea market, German dancers, music, a puppet show and a pig picking. Many of the community's historic buildings will also be open.

The celebration is sponsored by the Murfreesboro Historical Association, Inc. For more information, write or call the association at P.O. Box 3, Murfreesboro, N.C. 27855. Phone: 919-398-4886.

Wake EMC Awarded Loan For Expansion

Wake Electric Membership Corporation, Wake Forest, has been awarded a \$2.5 million loan from the Rural Electrification Administration for an expansion project.

The project includes service for 700 additional consumers, 31 miles of distribution line, 11 miles of transmission line and various system improvements.

The EMC will obtain supplemental financing for 30 percent of the project's cost from the National Rural Utilities Cooperative Finance Corporation.

When the project is completed, the co-op will be serving 11,109 consumers over 1,458 miles of line in portions of Wake, Vance, Granville, Durham, Johnston, Nash and Franklin counties.

Mobile Home Parks: How To Go Co-op

A manual outlining the procedures for converting mobile home parks into cooperatives has been published by the National Consumer Cooperative Bank, a credit institution serving housing

cooperatives nationwide.

"Converting Mobile Home Parks Into Cooperatives" is designed to be used by residents, property owners, developers and public agencies. It can also be used in creating new cooperatives.

The manual also includes sample incorporation papers, by-laws, leases, rules and regulations.

About 10 million Americans now live in some 24,000 mobile home parks in which residents own their manufactured homes and lease or rent the sites on which their homes are placed. As existing parks change owners, many are expected to become cooperatives in which the residents also own and manage the real property.

Converting Mobile Home Parks Into Cooperatives may be ordered from Department 32, the Co-op Bank, 1630 Connecticut Ave. N.W., Washington, D.C. 20009, for \$9.00.

Rehab Work Under Way On Hydro Project

Rehabilitation of the Sharpes Falls hydroelectric project in Ashe County is now under way, with the work being handled by Clifton Corporation of South Carolina.

Blue Ridge Electric Membership Corporation, Lenoir, awarded the firm a \$108,000 contract for the improvements, which are expected to be complete by December.

The dam, which was built in 1930 and operated until 1970, has a capacity of about 200 kilowatts and will be capable of producing a million kilowatt hours of power a year, according to EMC officials.

The dam is situated on the north fork of the New River.

National Co-op Group Taps Bergland As CEO

Former Secretary of Agriculture Bob Bergland has been selected as the new chief executive officer of the National Rural Electric Cooperative Association (NRECA) to succeed Robert D. Partridge

upon his retirement early next year.

Bergland, a farmer who served four terms in Congress before joining the Carter administration cabinet, will take the reigns of the national co-op organization in March, 1984.

He will become the third chief executive of NRECA in its 41-year history. Clyde T. Ellis was the first, serving from 1942 to 1968.



Partridge has held the post since Ellis' retirement.

Bergland served as Secretary of Agriculture from 1977 until early 1981.

Over the past two years, he has served as president of Farmland World Trade, a subsidiary of Farmland Industries, the nation's largest farmer-cooperative, headquartered in Kansas City, Mo. In that post, he traveled extensively to develop long-term foreign markets for export of Farmland products.

Before joining the Carter cabinet, he represented Minnesota's Seventh Congressional District for four consecutive terms. His committee assignments included Small Business and Agriculture and he served as chairman of the Agriculture Subcommittee on Conservation, Credit and Rural Development.

From 1961 to 1963, Bergland was chairman of the Minnesota Agricultural Stabilization and Conservation Service (ASCS) and in 1963 was appointed midwest area director of the federal ASCS. He served in that post until 1968.

A Look At Agriculture In The 21st Century

"Agriculture In the Twenty-First Century," a booklet incorporating the highlights of a symposium on the subject, is now available without charge from Philip Morris Inc.

The publication provides an overview of the information shared

during the two-day conference which was held at the Philip Morris Operations Complex in Richmond, Va.

More than 450 leaders from the scientific, financial, political and educational communities attended the conference, which was sponsored by the University of Virginia's Colgate Darden Graduate School of Business Administration.

For a copy of the booklet, write to: 21st Century Highlights, Philip Morris, Inc., 120 Park Ave., New York, NY 10017.

Adopt-a-Horse Fee Reduced

The fee for obtaining a wild horse through the national Adopt-a-Horse program has been lowered by \$75, according to the Interior Department's Bureau of Land Management (BLM).

People in North Carolina may now adopt a wild horse for \$210, or a burro for \$130, at the Southeastern Adoption Center located near Cross Plains, Tennessee.

"We are reducing the fee in response to public comments we received on our new adoption regulations," BLM Eastern States Director G. Curtis Jones, Jr. said.

Some 167 residents of North Carolina have adopted 271 horses and burros since the nation-wide Adopt-a-Horse Program began in 1976. BLM opened the Cross Plains facility—the first of its kind in the East—in July, 1979, in order to make it more convenient for Easterners to participate in the adoption program.

More than 4,000 animals have found new homes through the Center, which is located about 28 miles north of Nashville, off Route I-65.

The regulations lowering the fee also require potential adopters to submit a non-refundable \$25 advance payment with their applications. The advance payment will be applied toward the adoption

fee when the applicant picks up his or her animal.

Jones said the advance payment is being imposed in order to create a more reliable applicant list. In the past year, he said, less than one applicant in ten actually adopted an animal.

BLM runs the adoption program as a means of reducing wild horse and burro herds that crowd overgrazed public lands in the West. Since 1976, more than

42,000 horses and burros have been placed with adopters in every state but Delaware and Hawaii.

Information on the adoption program and application forms may be obtained by contacting the Office of Public Affairs, BLM Eastern States Office, 350 South Pickett Street, Alexandria, Virginia 22304; telephone (703) 235-2840, or by contacting Randall or Paula Carr at (615) 654-2180.

Continued On Page 8

Prints Offered Of Cover Painting By Jake Taylor

This month's cover features a detail from an acrylic painting of Canada geese rising from the dunes near Cape Hatteras Lighthouse. The painting is the work of noted wildlife artist Jake Taylor of Raleigh.



Full color limited-edition prints of the painting are now being offered by the North Carolina Wildlife Federation, with part of the project's proceeds to be contributed to the Save the Lighthouse Fund.

The prints, as reproduced here in black and white, are suitable for framing without additional matting. Three versions are available, all

measuring 16" x 20". All prices include shipping and handling.

Signed, numbered and remarked prints are \$50; signed and numbered prints are \$40; unsigned and unnumbered prints are \$30.

The federation plans to contribute \$5 from the sale of each print to the lighthouse fund.

To order the prints, complete the coupon below and mail it to Lighthouse Print, N.C. Wildlife Federation, P.O. Box 10626, Raleigh, N.C. 27605. Make checks or money orders to N.C. Wildlife Federation.

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Cooking School Set For Oct. 6

"Eat Right For Life" is the title of a cooking school that'll be conducted by North Carolina Agriculture Extension home economics agents in six Northwestern area counties.

The school, which is the second of its kind to be presented in the area, is scheduled for Oct. 6 at 7 p.m. at the Lexington Civic Center.

A total of 14 recipes will be demonstrated featuring North Carolina commodity foods which are nutritious and easy to prepare.

Seven agents will be involved in producing the multi-media show.

For more information about the school, call or write Jane Ebert,

Davidson County home economics agent, P.O. Box 1666, Lexington, N.C. 27293. Phone: (704) 246-5233.

Women's Show To Focus On Finance

Women executives with various financial institutions will be featured in programs of the Southern Women's Show at the Charlotte Civic Center, Oct. 6-9.

Meredith Fernstrom, senior vice president of American Express Co., will discuss establishing credit while Allison Byrnes, E. F. Hutton's first vice president and manager of retail marketing, will speak on investment ideas and tax planning.

Phyllis Barwick and Elizabeth

Marth of North Carolina National Bank will discuss estate planning and the money game, and Merrill Lynch's Malinda Stiles will discuss personal financial security.

In addition to these and other elements of finance, the show will feature exhibits, programs and special events involving food, fitness, travel and leisure, sports and fashions.

The show will operate from 10 a.m. to 9:30 p.m. Thursday through Saturday and from noon to 6 p.m. on Sunday. Admission is \$3.50 at the door, \$3 in advance for adults. Tickets for juniors, ages 6-13, are \$2.50 and children under six are admitted without charge. Group tickets of 30 or more can be purchased on consignment at \$2.50 each.

For more information, write or call Southern Women's Show, Box 36859, Charlotte, N.C. 28236. Phone: (704) 376-6594.

Home Folks

James L. Sutherland Jr. of Laurinburg has been elected as "Seedsman of the Half-Century" by the North Carolina Seedsmen's Association. In addition, the association has named **William S. (Bill) Humphries** as "Agricultural Journalist of the Half-Century." **Lois Staton** of Asheville and **Mark Arney** of Arden have been presented with the Governor's Bravery and Heroism Award for rescuing occupants of burning houses **Dennis C. Briley** of Hassell has been named to the Board of Directors of Edgecombe-Martin County Electric Membership Corporation, Tarboro. He succeeds **Russell Eason** of Rt. 1, Elm City, who retired recently after 38 years on the board. Upon Eason's retirement, the board adopted a resolution citing him for serving the co-op "honorably and with distinction." **Cecil O. Smith Sr.**, manager of Tri-County Telephone Membership Corporation, Belhaven, has been elected president of the Carolina-Virginia Telephone Membership Association, a trade group representing 12 telephone co-ops **Elias Rogers** of Rt. 1, Red Springs, has been honored for outstanding service to the Indians of the Robeson County area. Rogers, who is president of the board at Lumbee River EMC, Red Springs, was presented with the Henry Berry Lowry Memorial Award during the annual Lumbee Homecoming festivities. **Dr. Terrence M. Curtin**, dean of the School of Veterinary Medicine at N.C. State University, has been named North Carolina Veterinarian of the Year by the N.C. Veterinary Medical Association. New officers of the North Carolina 4-H Council are **Angela Marie Saito** of Matthews, president; **Rodney Mayo** of Hillsborough, vice-president; **Philip McAuley** of Rt. 4, Statesville, secretary-treasurer and **Traci White** of Cleveland, reporter. **Martin Clark** of Rt. 3, Laurinburg, has been named to the Board of Directors at Lumbee River EMC, Red Springs. He was appointed to fill the unexpired term of **Marciea Lowery** who resigned after nearly five years of service on the board.

Farm Stewardship Conference Slated

The fourth annual fall conference of the Carolina Farm Stewardship Association (CFSA) is scheduled for Oct. 14-16 at Camp Forest, near Cheraw, S.C.

Workshops during the conference will focus on seed saving and storage, drip irrigation systems, beer and wine making, and grafting and pruning.

The association, which was organized in 1980, is dedicated to the development of an agricultural system which is economically and environmentally sound, preservation of soil and farmland, and decreased use of petrochemicals and non-renewable energy.

The conference registration fee is \$16 per person plus \$2.50 per night for overnight accommodations. Meals are included.

For more information, write or call CFSA, Rt. 1, Box 397, Franklinville, N.C. 27248. Phone: (919) 498-4076.

Concert Features Country Music Artists

Superstar Jerry Reed, two-time winner of the Country Music Association's "Instrumentalist of the Year" award, and Bill Monroe, who is considered the Father of Bluegrass Music, will headline a free concert in Danville Oct. 8 as part of the 1983 World Tobacco Auctioneering Championship.

The concert and a spectacular fireworks salute to tobacco by Zambelli Internationale will climax a full day of competition by more than 70 of the world's fastest talkers at Danville's Auctioneer's Park.

The entertainment and auctioneering championship are sponsored by R. J. Reynolds Tobacco Co. as part of its "Pride in Tobacco" program. Activities will get under way at 6 p.m.

Reed, who has written and recorded more than 400 songs, is best known for "She Got the Gold Mine, I Got the Shaft," "Amos Moses" and "When You're Hot, You're Hot." Reed also starred with Burt Reynolds in "Smokey and the Bandit" and its sequel, "Smokey and the Bandit 2."

Monroe, a member of the Grand Ole Opry for more than 40 years, was elected to the Country Music Hall of Fame in 1970. Monroe's hits include "Mule Skinner Blues," "Blue Moon of Kentucky" and "Kentucky Waltz."

Zambelli Internationale, with headquarters in New Castle, Pa., is one of the largest manufacturers and producers of pyrotechnic displays in the world.

Now under the leadership of George (Boom Boom) Zambelli, Zambelli Internationale has produced fireworks displays for nearly a century.

Zambelli's salute to tobacco will feature a display of Italian-made shells that will be in this country for the first time.

The report from this galactic display can be heard 15 miles away, if atmospheric conditions are right.

The show's grand finale will include a specially designed "Pride in

Tobacco" logo, launched from a four-story-high scaffold.

Reynolds Tobacco developed the World Tobacco Auctioneering Championship in 1981 to recognize the colorful tobacco auctioneer,

whose 500-word-a-minute chant first rang out across a warehouse floor in Danville in 1858.

The championship will be held in conjunction with the Danville Harvest Jubilee, Oct. 2-8.

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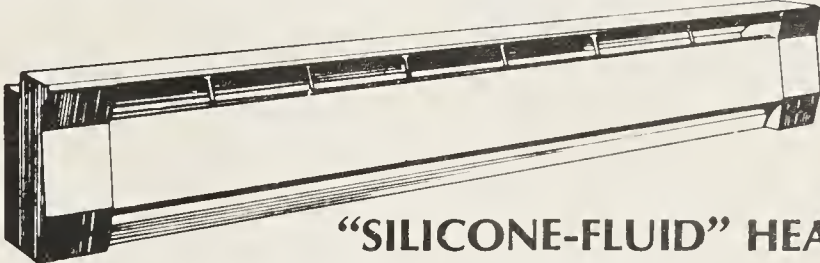
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Economic Development

Part I

A Case History

Industry's "Snowbird" Lands In North Carolina

When an industry decides to build a new plant, the decisions can have a major impact on the community that's ultimately selected as the home of the new facility. It can mean new job opportunities for local people and an overall boost in the area's economy.

It can also be a boon to the plant's power supplier, be it an investor-owned utility or an electric cooperative. That's why North Carolina's Electric Membership Corporations have launched a new statewide effort to help state and local officials entice new industries into building plants within co-op service areas.

This first installment of a two-part series explores how a major industry came to choose a plant site served by Wake EMC, Wake Forest, and the impact of the choice on that Wake County community.

In the October issue, the second installment will examine the EMCs' new economic development program.

The newspaper headlines told a story of another major industry moving into the South to build a plant, this one bringing with it job opportunities and an economic shot in the arm for a small North Carolina town.

AGA Gas of Cleveland, Ohio, had announced plans to build a \$15 million air separation plant near Wake Forest, its first facility below the fabled Mason-Dixon line—and aptly dubbed the "Snowbird" plant.

The plant will separate air into liquid oxygen, nitrogen, argon and other chemicals for use in various industrial operations.

The announcement was accompanied by gleeful comments from local and state officials, including Gov. James B. Hunt Jr., hailing the firm's decision to locate the plant in Wake County.

Among the most gleeful were Wake Forest Mayor James Perry and Earl Shoaf, manager of Wake Electric Membership Corporation, which will serve the facility.

Both had played active roles in helping AGA select the Wake County site just off U.S. 1.

Perry pointed out that the plant will bring a significant boost in the town's tax base along with a number of new people who'll need homes.

Shoaf said the plant will draw about one-fourth of the cooperative's total available power supply—about 5 million kilowatt hours of electricity each month.

"We're delighted to see the plant come into our service area because we expect to be able to serve it without any strain—and we believe adding it to our system will ultimately benefit all of our 9,000 consumer-members."

He was referring to the fact that the plant will operate around-the-clock, thus using a lot of power during those periods when overall usage is lowest.

"We'll be able to spread our basic costs of operation over far more kilowatt-hour sales without a major expansion of facilities."

The co-op, which is headquartered

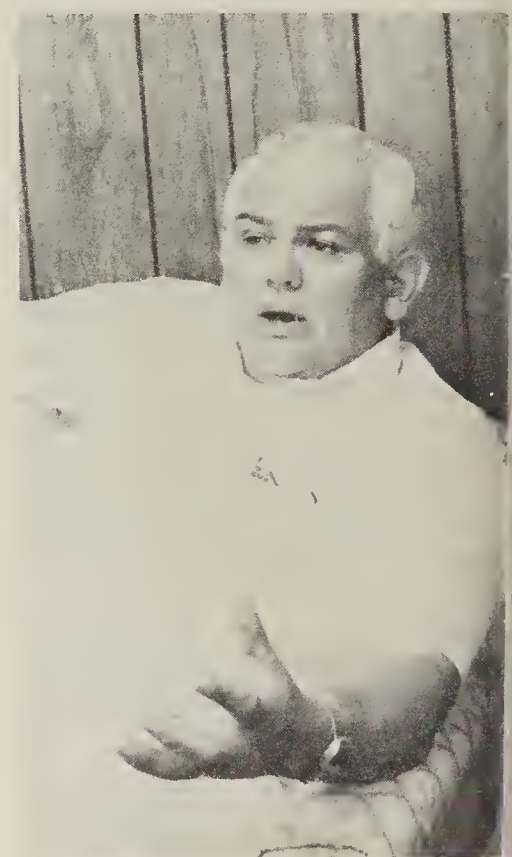
in Wake Forest and serves parts of seven surrounding counties, will have to build a new transmission line and substation to serve the plant at a cost of about \$400,000.

"We've just adopted a 20-year work plan that called for a new line in that general area just to improve our service and reliability there. Serving the AGA plant fit right into those plans."

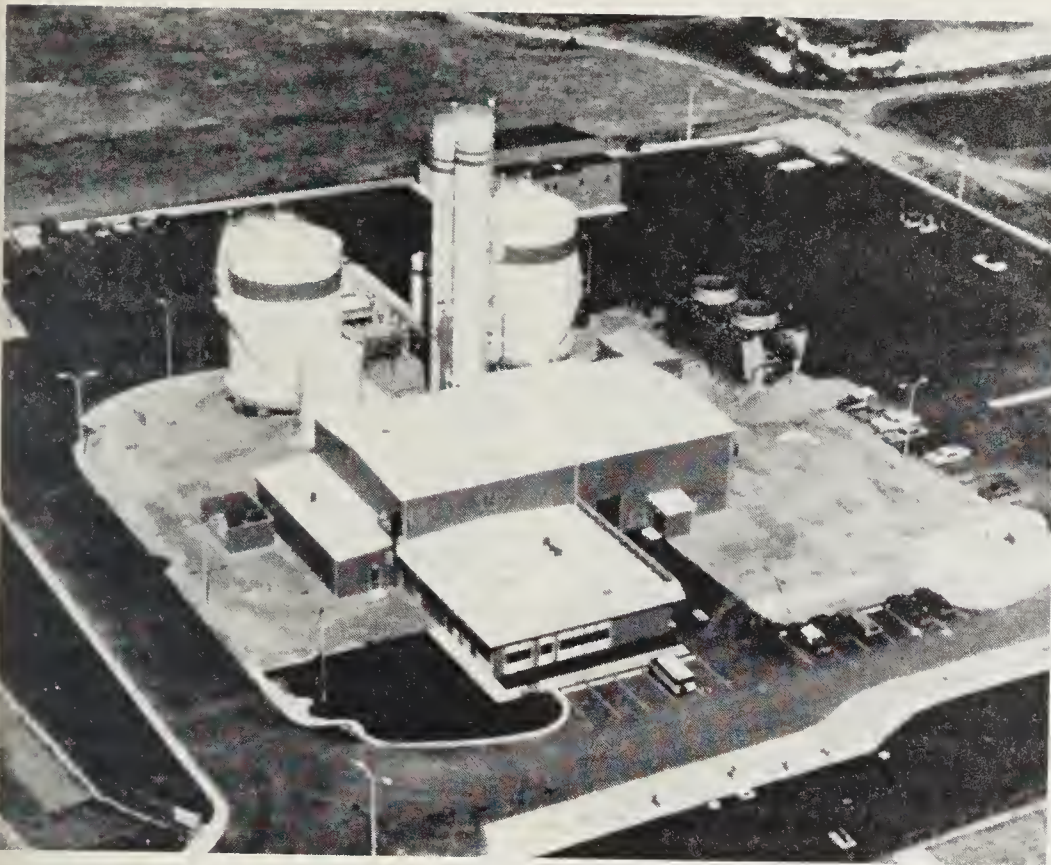
In addition, Shoaf said, AGA's officials were willing to cooperate with Wake EMC's plans for trimming costly power use peaks through a load control program. Under the program, co-op consumers' water heaters and central air conditioners can be turned off electronically to hold down the peaks.

Although AGA's operations couldn't be tied directly into that program, the company agreed to voluntarily reduce on-peak usage, as needed.

"This was very important to us," Shoaf said. "They were willing to cut back on certain operations as part of load management—and to share the savings with all our members. That could be substantial, so we're really excited about it for our membership."



AGA's Edward Merrill



The air separation plant that AGA Gas is now building in Wake County will be almost an exact duplicate of AGA's plant in Dayton, Ohio. The new plant is going up on a 12-acre site off U.S. 1 just south of Wake Forest.

Construction is now well under way on the plant at a 12-acre site just south of Wake Forest, with plans calling for it to go into operation in mid-1984.

Just how AGA came to select that particular site for this plant is a story in itself—a story the newspaper

headlines never told.

AGA Gas officials began seriously looking at possible expansion—either by buying an existing facility or building a new one—nearly two years ago.

Once the decision was made to build a new plant, the company soon

began to identify potential sites in the South, most of them in Virginia and the Carolinas.

The firm's thinking was that the new plant could be backed up by its Parkersburg, W. Va. operation, according to Terry LaFore, AGA's district sales manager based in Raleigh.

"Because the liquid gas will turn back into gas over time, shipping distances from a given plant must be limited to a radius of 200 to 250 miles," he said.

North Carolina's Research Triangle area—with its new emphasis on microelectronics—soon moved to the top of AGA's site shopping list.

"We wanted to locate where the future growth of technology would be and we wanted to be within reasonable trucking distances to the industries we serve," said Edward Merrill, AGA's vice president for production, who was instrumental in selecting the Wake site for the plant.

The company also had an eye on the possibility of linking the new plant directly with a customer through a pipeline, if a site could be found that would permit it.

The Wake site eventually proved to meet all those criteria—allowing for a pipeline link between the new

AGA Gas: A Profile

AGA Gas, which is now building an air separation plant near Wake Forest, is the largest regional producer of industrial, medical and specialty gases east of the Mississippi.

Its primary focus is the manufacture and distribution of liquid and compressed gases, which can be delivered in tube trailers, high-pressure cylinders or through pipelines.

The gases include oxygen, nitrogen, argon, acetylene, hydrogen, helium, carbon dioxide, medical gases and various industrial gas mixtures.

The firm also furnishes a complete line of welding-cutting equipment and supplies as well as industrial safety equipment.

AGA Gas is a wholly owned subsidiary of the AGA Group headquartered in Lidingo, Sweden, and has five air separation plants and 17 sales and service centers in the Midwest. The diversified manufacturing firm, which reported worldwide sales of \$1.1 billion in 1981, employs 15,000 workers at 200 plants in 22 countries.

The Wake County plant will be designed to produce 200 tons of gases a day when it begins operating next year. It'll employ about 40 workers.

In preparation for the opening of the new plant, AGA established a sales office in Raleigh last September, with Terry LaFore as manager.

"We're already lining up new accounts that will be served from the Wake County plant," he said. "Initially, we'll serve them from the plant in Parkersburg, W. Va."

Continued on page 12



The towers are beginning to take shape at the AGA Gas "Snowbird" plant, now under construction in Wake County. Upon completion, the plant will produce 200 tons of liquid and compressed gases a day for use by various industries.

EMC, we thought it looked like a feasible option," Merrill said. "We felt they had enough resources available to make serving our load feasible for Wake EMC and we got to know the people. You know, you make a lot of decisions based on people."

Shoaf said he and his staff, along with representatives of the EMCs' statewide organization, were "in almost constant touch" with AGA during the company's site search.

"We didn't want them to forget us," Shoaf said.

The effort will begin paying off for Wake EMC when the AGA plant gets into operation next year.

Meanwhile, the co-op's staff is working closely with AGA's forces during the plant's construction.

LaFore said Wake EMC's staff has demonstrated a "commendable" attitude in assisting the company.

—Owen Bishop



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"Snowbird" Lands In North Carolina

Continued from Page 11

plant and the Mallinckrodt chemical plant on U.S. 1, Merrill said.

It also met another of the firm's key criteria: accessibility of reliable, reasonably-priced power.

That had become a priority after the company had a bitter experience with high electric rates at a New York state plant. The firm protested the rates before New York authorities and the controversy eventually went into the courts before AGA decided to close the plant.

As a result of this experience, Merrill said, AGA sought expert advice about the cost of power in the areas under consideration for the new plant's location.

That advice, which came from a consultant firm, included information on the three major investor-owned utilities serving North Carolina as well as the state's Electric Membership Corporations.

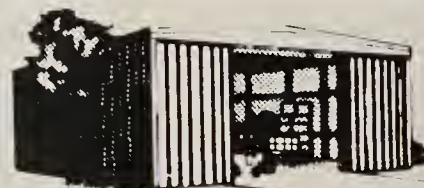
Having done this "homework," AGA's representatives knew they didn't have to look solely at sites served by Virginia Electric and Power Co., Carolina Power and Light Co. or Duke Power Co.

"As soon as we looked at Wake

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COUNTRY KITCHEN



Want To Share Your Recipes?

If you would like to share a recipe with this column, send it to: **CAROLINA COUNTRY**, P.O. Box 27306, Raleigh, NC 27611.

We pay \$5 for published recipes and present each monthly winner a set of 50 recipe cards with the winning recipe printed on them.

Macaroni And Cheese Pizza

Submitted By Helen Maye Of Raleigh

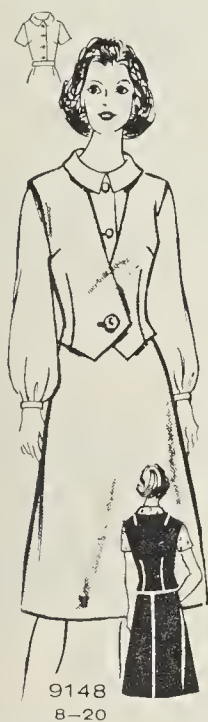
- | | |
|---|---|
| 1 7¼ oz., package of
Macaroni and Cheese
Dinner | ¼ cup chopped green pepper |
| 2 eggs | 1 teaspoon oregano leaves |
| 1 8 oz. can tomato sauce | 1 teaspoon basil leaves |
| 1 4 oz. can mushrooms
(drained) | ½ teaspoon garlic salt |
| ¼ cup chopped onion | 1 cup pepperoni slices |
| | 1 cup (4 oz.) shredded
Mozzarella cheese |

Prepare dinner as directed on package. Add eggs; mix well. Spread into well greased 12 inch pizza pan or 13 x 9-inch pan. Bake at 370 degrees for 10 minutes.

Combine tomato sauce, mushrooms, onion, green pepper and seasonings; spoon over Dinner mixture. Top with meat and cheese. Continue baking for 10 minutes.




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Reproductions Of Oak Cabinets: A Popular Item

In answer to popular demand, here is our new three-drawer reproduction of an old oak file cabinet. Our two-drawer was a great success but many readers wanted a larger version. A detailed plan includes the shopping list, cutting schedule and guides the amateur with step-by-step pictures and drawings.

The cabinet measures 44" high x 19" wide x 21" deep. The drawer guides and adjustable hanging file folder frames are available at most home centers and stationery stores. Sources are also listed for the authentic-looking wood handles, but brass handles (available everywhere) will prove attractive substitutes. Three-drawer OAK FILE CABINET (Plan #727) is \$3.75. The two-drawer version (Plan #705) is \$3.75. Prices include first class postage and handling.

Other oak reproductions available are the Antique Icebox Plan #686 and Lawyer's Bookcase #700, each \$3.75.

Send check or money order to **Steve Ellingson**, c/o: **Carolina Country Pattern Dept.**, P.O. Box 2383, Van Nuys, CA 91409.



EMC ANNUAL MEETINGS CALENDAR...



Date	Electric Membership Corporation	Time	Location
Oct. 1	Crescent, Statesville	Registration: 8 p.m.	Mac Gray Auditorium, Statesville
	Union, Monroe	Registration: 11:30 a.m.	Piedmont High School, Sikes Mills Road (601 N.) Monroe
3	Cape Hatteras, Buxton	Registration: 8:00 p.m.	Angler's Club, Buxton
	Four County, Burgaw	Registration: 6:30 p.m.	Union High School, Clinton
7	Central, Sanford	Registration: 7:30 p.m.	Lee Senior High School, Sanford
8	Albemarle, Hertford	Registration: 12 noon	Perquimans High School, Hertford
	Surry-Yadkin, Dobson	Registration: 2:00 p.m.	Central High School, Dobson
18	Lumbree River, Red Springs	Registration: 6 p.m.	Jones Health & Physical Education Center, Pembroke State University, Pembroke
21	Brunswick, Shallotte	Registration: 10:30 a.m.	Smith's Warehouse, Whiteville
22	Davidson, Lexington	Registration: 4:30 p.m.	Central Davidson High School, Lexington
29	Rutherford, Forest City	Registration: 10:00 a.m.	East Rutherford High School, Forest City

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A Champion Of "Mountain Way Of Life"

"My grandmother washed clothes with a 'battling stick,'" says Marilyn McMinn-McCredie of Asheville. "I watched men land on the moon. I'm in my early forties but I live in a culture three centuries old. Now I make my living telling people what that's like — why we mountaineers are such a paradox, living in the past and present at the same time."

Marilyn is as much a paradox as the mountain way of life she champions.

A concert performer without formal training, a historian and folklorist without a degree, and a cultural ambassador without portfolio, she is the latest emerging star on the horizon of North Carolina mountain folkdom. And she seems a little pleasantly puzzled by it all.

She was born in the hills of Henderson County, of people who have held land there for four generations. Oral tradition was strong on both sides of her family, so she grew up steeped in hillfolk and Indian legends, tall tales, ghost stories, herb and cooking lore, and hand-me-down family anecdotes — all of which she absorbed easily.

"Even as a child," she remembers, "I sensed that there was something special about the way it was all handed down so carefully by word of mouth. I came to feel that I had somehow been appointed a keeper of the faith, to preserve and pass on these things in turn."

There was plenty of opportunity. With both parents working, Marilyn, the oldest of five, was left as a child to look after her siblings. The old stories came in handy for keeping them amused. When she married the first time, at age 16, she promptly bore four children of her own, and the stories again proved useful.

Her first public story-telling occurred in the Henderson County schools, where she worked as a teacher's aide.

Then, in 1978, encouraged by

some friends, she offered a course she called "Western North Carolina Folk History" at Henderson County's Blue Ridge Technical College.

"I wrote the prospectus on the back of an envelope. That's how loose the class was — and still is," she maintains. "I was surprised and pleased to discover that a whole class of educated adults, many with advanced degrees, should find my material valuable."

From there, she branched out and foot-pounded her way into engagements on television and radio and at summer camps and local resorts.

"I'm probably the only performer ever to show up for a gig at the almighty Grove Park Inn clutching a dulcimer and barefooted. I was sure

they'd tell me to use the servants' entrance."

Her several prestigious concert appearances include one at the 1982 World's Fair in Knoxville, Tennessee.

The dulcimer, which she began playing to regain use of her right-hand fingers after a car accident in 1977, has become her trademark. So has the plaintive melody "Shenandoah." Her expressive gray-green eyes sparkle as she says matter-of-factly, "Carl Sandburg taught me to play that tune. That's interesting since he died years before I bought my instrument." She grins, adding: "I'll tell you the story sometime."

Marilyn's schedule is crowded these days. On the lecture circuit to other campuses, her folklore course remains popular: demand for seats in her classes usually exceeds supply.

"When I'm teaching," she says, "I try not to teach. I just want to share what I know with people I think will appreciate it."

Recently, she submitted to Governor James B. Hunt a proposal for the creation of a statewide and state-operated cultural interpretation division, which she would head.

"The legislators and officials I've talked to seem enthusiastic about it," she says. "We'll see how it fares as a potential budget item. Meanwhile, I'll keep trying to explain our mountain heritage by show-and-tell wherever and however I can."

"You know," she says, "the first banjos didn't have any frets. The people who played them just made an educated guess as to where to put their fingers. Once a city slicker asked an old banjo picker how he knew where the right notes were. 'Son,' he said, 'there ain't no notes on a banjo. You just play hit.'"

"I guess I've got a fretless approach to folklore."

—Roger McCredie
Asheville

“
I'm in my early forties but I
live in a culture three
centuries old. Now I make
my living telling people
what that's like . . . living
in the past and present at
the same time
”



Hank's GARDENING GUIDE

September is the change-over month in gardening, the transition month between warmer months of summer and cooler months of autumn. It's a time of much activity—a time to begin putting the garden to sleep for winter, and a time to look ahead and prepare for next spring and summer.

Plant Daylilies In Fall



Although day-lilies can be divided and planted with success anytime of the year, the best time is early autumn when the plants get established before winter.

This trouble-free plant is available in a vast selection of colors that add much to the summer garden. Select a spot in well-drained soil with plenty of organic matter. Add three inches of peat, compost or old manure, and work this into the soil to a depth of ten inches. Be sure the planting hole is deep and wide enough to receive roots without crowding.

In planting, the crown (where roots and foliage meet) should be about one inch below the soil line. Apply water when planting. This settles soil around roots and drives out air pockets.

Now's also the time to get Madonna Lilies in the ground. Daylilies and Madonna Lilies are most effective when planted in a clump or colony.

Fruit Trees In The Home Landscape

Traditionally, fruit trees have been delegated a position in the backyard or home orchard. Actually, there is no iron-clad landscape rule or policy as to their location. Many good landscapes include fruit trees as seasonal accents to the front or sideyard. A flowering pear, peach,

apple, crabapple or cherry is every bit as showy as a dogwood in the landscape scene.

Fruit should be harvested before it falls to the ground as litter. Fallen fruit in a lawn area can cause difficulty in mowing. Paved areas such as walks, drives and patios can be unsightly with a dangerous "goo" and bad odor from decaying fruit. On large properties, where yard space allows, it sometimes is possible to grow several fruit trees near the edge of the front yard. Trees may be underplanted with groundcovers.

Root Cuttings of Woody Shrubs

From now on through the fall months, cuttings of most woody ornamentals can be rooted to increase their number. Broadleaf evergreens propagated in this way include azalea, camellia, ligustrum, holly, photinia, and osmanthus. Conifers include arborvitae and junipers. Deciduous flowering shrubs that root easily from cuttings include buddleia (butterfly bush), crepe myrtle, viburnum, weigela, mock orange, hydrangea, and holly. Cuttings of these can be made now or after the leaves fall.

The cutting size usually ranges from about three inches to six inches. cut the stem on a slant just below a leaf joint. Strip leaves from the bottom half of cutting. Dip the cut end into a rooting hormone. Insert the cut end in a rooting medium of sand, peat moss, vermiculite, perlite or other sterile medium.

Space cuttings so their foliage is barely touching. Press soil firmly around each cutting. Sprinkle with fine mist of water. It's important to maintain the moisture by watering often. Keep cuttings in the shade until they are rooted. About every six weeks, examine random cuttings for callous formation on the cut end. Rooting should take place about a month after the callous forms.

When cuttings have roots, place them in individual containers and begin to fertilize lightly every six weeks. Let plants remain in containers until they are the size you want to plant in the landscape.

Fall Vegetables

Now's the time to get your garden ready for early fall planting of salad vegetables and greens. Mix fertilizer and organic matter into soil. Plant after ground has been settled by a good rain or generous watering.

Plant carrots, beets, radishes, onions (sets or seeds), turnips, mustard, kale and chard. For best germination of lettuce and other small seeds, keep soil moist and cool with a daily sprinkling.

Camellias and Azaleas



You'll probably need to add mulch to camellias and azaleas. Begin to slow down on the watering of azaleas this month to harden them off for winter. Spray the foliage on camellias. Some of the early varieties soon will begin to show flower color. A frequent foliage spraying is what they like at this time.

Azaleas and Camellias may need a bit of acid fertilizer added to the soil. Long continued summer watering tends to bring the soil back to neutral.

Last Call For "Hedging" Hedges

Pruning your hedge this month will be the last time to undertake this task this year. Remove any diseased, dead or damaged wood. Then shape plants as you normally let the hedge grow. Prune off tips of newest growth. In pruning, be sure to leave the bottom of the hedge broader than the top so all sides receive adequate sunshine to promote dense growth.

Pesky seedlings of woody plants such as elm and hackberry often are found growing in the hedgerow. Remove them as soon as possible. If left too long, they will take over and leave gaps in the hedge when removed later on.

Look Ahead To A Bulbous Spring;

If you're planning a mass of spring color from bulbs, get your orders in for October and November planting. If you purchase from local stores, it is wise to make your selections before heat is turned on in the fall. Bulbs suffer when they are exposed to drying heat for a long period of time.

For best landscape effect, plant groups of bulbs in between or in front of shrubs, using all one color in each group. Or, scatter bulbs beneath deciduous trees in wooded areas for a naturalistic grouping. Avoid planting bulbs in straight lines, as soldiers marching in full dress parade. Landscape maintenance is easier if walks and drives are not bordered with bulb beds. And, your yard appears more spacious if not checker-boarded by accenting paved areas.

Begin Garden Clean-Up

Remove any annuals that have finished flowering for the season. When foliage begins to yellow, dig gladiolus corms (bulbs) for winter. Don't wait too long, for glad foliage will soon disappear and corms will be difficult to find.

If you have young plants of quick-color annuals such as dwarf marigold and portulaca (moss rose), plant these in the gaps in the flower border. In rich soil, portulaca often flowers in 35 days from seed.

Garden Compost

Never burn or throw away leaves and other garden refuse, as well as leafy throw-aways from the kitchen such as carrot and beet tops, cabbage and lettuce leaves. You can help both your community and yourself by making use of leaves and other plant refuse in a compost. Grinders, compost hasteners, fertilizers and lime all help to decompose the compost pile—making it available for garden use next spring.

—Hank Smith

Carolina Country September 1983

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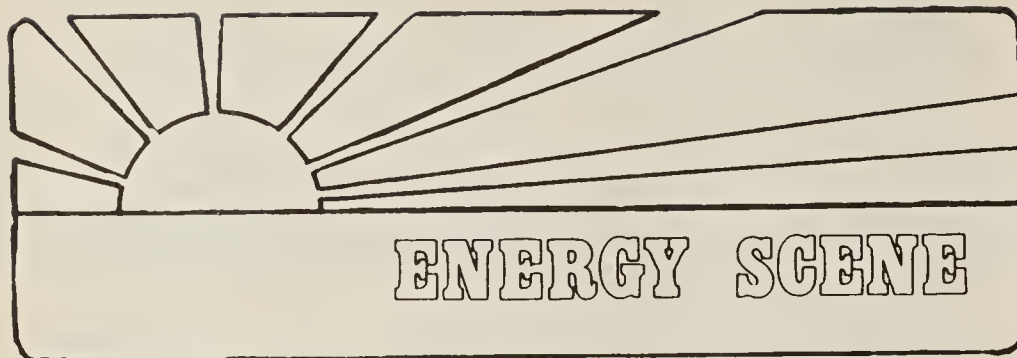
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Flimflam Man May Lurk Behind Energy Savers

Beware of the flimflam man—the one who offered miracle cures for your energy problems in the wake of the Arab oil embargo.

He may no longer be peddling a 150-mile-per-gallon carburetor for your car, but a recent government study shows he's still out there, making questionable claims about all kinds of "energy-saving" products.

Investigators from the General Accounting Office (GAO) have found a lot of hype and a few hard facts—test results and other documentation—in ads touting energy savers in magazines, on television, or in direct mailings. Without recognized performance standards for many of these products, it's become easier to exaggerate their capabilities, and tougher for the consumer to judge one against another.

Conservation-minded consumers with a grain of skepticism used to be able to sniff out rip-off offers because they sounded "too good to be true." Nowadays, with unscrupulous peddlers getting smoother with their sales pitches (and getting into more legitimate product lines), consumers will want as much reliable information as possible before making investments they hope will lower their monthly fuel bills.

The Federal Trade Commission (FTC) is helping out. Earlier this year, the agency established the Energy Fraud Clearing House as an information-sharing service for local, state, and federal law enforcement offices. Through the clearinghouse, appropriate agencies across the

country are kept up to date on emerging or recurrent problems associated with energy products on the market.

In addition, the FTC offers "Facts for Consumers," information sheets

published several times a year to cover such topics as home insulation and R-value, loose-fill home insulation, woodstove safety, and the low insulation value of home siding. These are available by writing: Public Reference, FTC, Distribution Branch, 6th and Pennsylvania, N.W., Washington, D.C. 20580.

Other valuable titles (*In the Bank or Up the Chimney*; *Home Energy Savers Workbook*; *Questions and Answers on Home Insulation*) are available at a fee from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

Excerpted from the General Accounting Office's report on energy savers.

Ceiling fans—Manufacturers have advertised up to 50-percent savings on heating bills. The GAO states that 5 to 10 percent is more likely. In addition, fans are generally effective only in rooms with ceilings higher than the standard 8 feet, where significant amounts of warm air can accumulate.

Ceramic Home Insulation—Using a three-inch thickness of this material, energy savings of 30 percent over cellulose at a 12-inch thickness, or fiberglass, have been "guaranteed." The GAO found nothing to verify these claims.

Flue heat-recovery devices—These have been offered with the promise that the \$475 cost (installed) could be fully recovered in a year. The GAO, through a Bureau of Standards test, discovered energy savings on the average of 6.6 percent. For the product to pay for itself in a year, they found that a consumer would have to use over \$7,000 in heating fuel in that time.

Furnace Burners—Oil usage could be cut in half, manufacturers have said. The GAO found these claims to be false under normal conditions. After tests were conducted, savings ranged from 12 percent to 25 percent, depending on the product.

Light Buttons—Claimed to cut electricity usage in half, these devices would cut light output by an equal amount. The GAO report cites a DOE study that found power to a 100-watt bulb reduced by 42 percent, light output reduced by 74 percent. A 40-watt bulb costs a third less and works just as well.

Home Siding—Manufacturers have claimed energy savings from 15 to 40 percent. The GAO cites findings that less than 5 percent of heating costs can be reduced with foam-backed aluminum siding.

Power Factor Controller—Savings of up to 50 percent on the costs of running electric appliances have been promised. The GAO report states that both the inventor and an official at the Oak Ridge National Laboratory say the product is not cost-effective in most residential uses.

Storm Windows and Double-Pane Glass—Manufacturers have claimed a 50-percent reduction in heat loss. The GAO discovered that no established testing standards exist by which product comparisons can be made.

Vent Dampers—Fuel savings of up to 30 percent have been promised. The GAO report lists 16 percent as the maximum savings possible with oil furnaces, while the average savings is 8.2 percent. Savings of up to 5 percent are possible for gas furnaces. Ads have omitted information on specific conditions that can afford savings.

Wood Burning Appliances—Ads have claimed high efficiency ratings ranging from 76 to 83 percent. The GAO found through a wood stove testing program at Auburn University, that efficiency generally ranges from 40 to 60 percent in airtight stoves.

Bread: Top Choice Of Americans For Favorite Foods

What are the three or four favorite foods of Americans—the foods consumed most often by the largest numbers of people?

Recent studies show that the most popular American food is bread. Nearly six of every 10 people eat bread every day, giving new meaning to the phrase "daily bread."

Another one in four eats bread two of every three days, and one in 10 consumes this product at least one out of three days.

Only 7 percent of thousands interviewed in one research project

said they ate no bread during the most recent three-day period.

As might be expected, the studies also showed that meat is a favorite American food. In fact, six of every 10 respondents said they ate red meat, poultry or fish every day.

The proportion who had eaten meat at least one day out of the three-day period was 85 percent.

Also near the top in the survey list was milk. About 55 percent said they drank milk every day, and 83 percent responded that they drank it one out of three days.

Bread, meat and milk—no real surprises in that trio. But which food ranks fourth in popularity?

Sorry about that, Stove Top—but it's potatoes. According to the study, no one eats potatoes every day. But three of every four persons interviewed said they had consumed this food item at least one day out of the previous three days.

Somewhat surprisingly, the only vegetable with a high frequency of consumption is lettuce. Slightly more

than one-half the survey group had eaten lettuce one day out of the most recent three-day period.

Slightly more than 50 percent also had consumed coffee, soft drinks and eggs at least one day out of the previous three.

About three out of seven said they had recently eaten sugar, cereals and margarine.

Items least frequently consumed included individual fruits and vegetables, snack foods, and grain products such as rice and pasta.

Most individual vegetables had been eaten by fewer than one in 10 persons during the three-day period.

Apples and bananas, with about one respondent in six consuming them, were the leading fruits.

Coffee, soft drinks and tea follow milk on the list of favorite drinks. After lettuce, favorite vegetables are tomatoes and cabbage.

Among commonly eaten vegetables, celery and carrots rank as the least favorite.

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WASHINGTON SCENE

Federal Deficit: An Ominous Cloud Over American Economy

After five weeks away, members of Congress are back on Capitol Hill—facing problems that they hadn't solved when they took their annual recess.

The two biggest seem to be how much is going to be spent next year for defense and for farm supports.

The White House pretty much closed down for August also, and the president took off for his ranch in California.

Now President Reagan is back at work, and he says the game plan on the economy is still working and the country is out of the long

recession and headed for better times.

But there are still some clouds on the horizon and Democrats and some Republicans were quick to point them out—the Democrats doing so quite happily.

The Census Bureau reported in August that 15 percent of Americans now live in poverty as measured by the government's yardstick. This is practically one of every six Americans and is the highest number since Lyndon Johnson announced his war on poverty in 1965.

There was also hunger in the land. Church and social workers, who have established food banks for the poor, said they were losing the fight to feed those who needed it. The president, saying he thought that the government had taken care of the hunger situation, proclaimed that he was "perplexed" and



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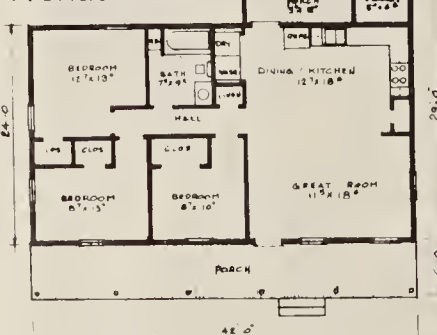
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appointed a commission to study the problem and recommend some way to solve it.

All these things, in addition to a flap the president got into with some women, made good political reading during the dog days of summer, when significant news was hard to come by.

But there are some other, more serious problems that economists and members of Congress from both parties see ahead.

The biggest problem is the huge federal budget deficit, the effects of which have not really been felt yet.

Next year, unless some miracle occurs, the government is going to spend about \$200 billion more than it takes in. And the predictions are that this is going to continue until some radical changes are made in the way the government operates.

This will be really felt, economists say, when the government next year has to go into the money market and start borrowing to meet the increase between its income and its spending. Since there is just so much money available, and since the government always gets what it wants first, there will be less available for private industry to borrow.

Increased competition, money men say, will cause interest rates to go back up and that could lead to more recession.

They predict that there will be fewer homes sold and thus fewer homes will be built, which could lead to more unemployment. The same thing, they say, applies to automobiles.

Congress recognizes this.

"The one thing we need," said Rep. I. T. (Tim) Valentine of North Carolina's Second District, "is the courage to do something about the huge deficit."

"Unless we somehow get a grip on our insatiable desire to spend money we don't have," he told his colleagues, "we will eventually destroy the vitality of the nation and its financial institutions."

The president also understands the situation well.

When he was campaigning in 1980, Reagan made deficit spending a target for sharp criticism, and vowed to not only cut taxes, which he has, but also to balance the budget, which he hasn't. Although he blames Congress for the mess—and says domestic spending is the cause—he backed off when cuts he advocated in Social Security payments produced a firestorm of protests from elderly voters.

Democrats in Congress say, however, that the large tax reductions over a three-year period and the huge military budget that the president demanded have caused the annual deficit to triple during this administration.

The warnings are not confined to Democrats, however. Republican economists are also warning that next year could bring the problem of the deficit home to Americans.

Alan Greenspan, a Republican who was President Ford's chief economic advisor, spoke to a conference of the nation's governors last month and predicted just such a situation.

Next year, Greenspan said, when Treasury borrowing begins to compete with private business for money, "then at that point the recovery is going to run down rather quickly."

But the deficit has already caused a problem that is affecting American industry and even agriculture. It has caused the dollar to grow inordinately strong in the international money markets and this is causing trouble here at home.

This means that American goods are now more expensive in foreign markets and thus don't sell as well in other countries, causing exports to drop.

The high interest rates brought on by the deficits make investing in America attractive to foreigners with money. So they invest here, rather than at home, making our dollar stronger and their own currency weaker.

And all this is felt in the plants of the steel companies and in the tobacco fields of North Carolina.

With the continuing deficits, unless something is done, the dollar

will remain strong, economists believe, and could go even higher if interest goes up more next year when competition for money gets stiffer.

Control of inflation, through tightening the money supply, is the chief accomplishment President Reagan points to as he defends his economic policies. But that, too, may suffer some reversals, market analysts say.

Catching Up—Eighth District Rep. W. G. (Bill) Hefner caused quite a stir in Washington during the summer session when he uncovered Pentagon plans to spend \$1 billion yearly to pay for U.S. troops stationed in Europe when Cruise missiles are deployed there. Seems everybody was arguing about whether they should be put there and nobody had paid any attention to the cost of manning them. □ □ □ Proof that times are changing came when the House of Representatives voted to end the covert help the U.S. is giving the rebels in Nicaragua. The House vote probably didn't mean much as the Senate will turn it down or Reagan will veto it, but all nine Tar Heel Democrats in the House voted to end the involvement. North Carolina is regarded as a hawkish state, and that is still probably true, but many votes were cast against the aid by those who feel that if we are going to do it we ought to just do it openly and not in secret □ □ □ Sen. Jesse Helms was upset when the President named Henry Kissinger, the former secretary of state, to head a commission studying Central America. Helms wanted to hold hearings in the Senate Foreign Relations committee but a majority of his colleagues on the committee haven't agreed.

Setting The Record Straight

The "Washington Scene" in the August issue reported, in error, that the federal government has 650 million pounds of tobacco in storage which was used as collateral for loans to leaf farmers. The tobacco is actually held by the Flue Cured Tobacco Cooperative Stabilization Corporation, a co-op serving thousands of leaf farmers.

Participants in the North Carolina Rural Electric Youth Tour gather on the capitol steps for the traditional group portrait.



Rural Electric Youth Tour: It's A Week To Remember!

"I'll never forget this week!"

That comment became a refrain echoing through the hugs and tears as participants in the 1983 Rural Electric Youth Tour said goodbye to one another at the end of the week-long trip to Washington.

There's little wonder that the week had made an impression, for the group of 34 high school juniors from across North Carolina had hardly paused for breath since starting on the trip seven days earlier.

The tourists, who were selected for the expense-paid trip by their Electric Membership Corporations, had strolled around Mount Vernon, watched the famous pandas at the National Zoo, visited the White House, met with their congressmen and toured the Capitol and other points of interest in Washington.

They were part of a national program, which drew about 1,000

young people from 26 states.

Most of them converged en masse on the White House to swelter in the June heat while waiting to hear remarks by Vice-President George Bush in the Rose Garden. They even caught an unexpected glimpse of President Reagan as his helicopter landed on the front lawn.



The trip was educational and entertaining at most every moment. I learned a lot of things about our government and made a lot of friends I'll never forget



In addition to the usual tourist attractions, the Tar Heel tourists were treated to a boat ride down the Potomac River, complete with

music and dancing, dinner and a play at the Kennedy Center for the Performing Arts and a special dinner with tourists from the other states.

Kara Queen of Hudson, who represented Blue Ridge EMC, Lenoir, said the week was so packed with activities she'd "never done so many different things in one week in my life."

The trip, she said, was "most worthwhile" and allowed her to learn a lot about government.

"I will remember it forever," she added.

Roger Lowe of Canton, who was sponsored by Haywood EMC, Waynesville, said he especially enjoyed the "fellowship with other people and the educational but fun atmosphere."

Matthew Foley of Creedmoor, who represented Wake EMC Wake Forest, found the blend of educational and social activities to be "invaluable."



He said he especially enjoyed being "treated as an adult—someone special" during the busy week.

The visit to Kennedy Center proved to be a highlight of the week for Craig Rumples of Statesville, whose sponsor was Crescent EMC, Statesville.

"The trip was educational and entertaining at most every moment," he said. "I learned a lot of things about our government and made a lot of friends I'll never forget."

LEFT—Members of the North Carolina Youth Tour group try to make themselves comfortable on a sweltering White House lawn while waiting to hear Vice President George Bush. From the left are Matt Foley of Creedmoor, Nanda English of Wallace, Amy Sarno of Blowing Rock, Lisa Skinner of Willard and Heidi Haynes of Waynesville. **RIGHT**—Tar Heels meet members of the Texas delegation outside the White House. They are, from the left, Andrea Shaw of Raeford, Veronica Robinson of Rowland, Janet Blackwell of Clemmons and Kim Boone of Halifax.

Want To Know More?

If you're now a high school sophomore and want to know more about the Rural Electric Youth Tour, write or call the Electric Membership Corporation headquartered in your area for further information. Or, write to Youth Tour, P.O. Box 27306, Raleigh, N.C. 27611.

Brian Hall of Denton, who was sponsored by Davidson EMC, Lexington, said he found the trip educational but was most pleased with the opportunity it afforded for meeting new friends.

"In short, this has been one of the greatest experiences of my life!"



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A Season Of Stars



Don't get us wrong! Football still is a team game, but this season in college football across North Carolina, forget the teams.

The player is the thing.

Team outlooks aren't too bright, but outstanding individuals are expected to dance across the turfs to keep interest riveted on the gladiator sport.

North Carolina, perennially the area's best team, again has the brightest potential. The Tar Heels could win the Atlantic Coast Conference championship in a tense battle with Maryland. And UNC's schedule appears to guarantee eight or nine victories. But that unchallenging schedule will probably keep the team out of the top ten, and relegate the Heels to another middle-range bowl.

Some other teams have decent prospects.

Duke could go to its first bowl game since the 1960 season. East Carolina might have its best team in four years. Western Carolina looks like a Southern Conference title

contender. Elon has hopes of winning the South Atlantic Conference (SAC-8), and the same goes for N.C. Central, Johnson C. Smith and Livingstone in the Central Intercollegiate Athletic Association's Southern Division.

None, however, appears to have the potential to be outstanding. So fans—and headline writers—probably will get more into the dancer than the dance.

There is Duke quarterback Ben Bennett, who will break the all-time NCAA Division I-A passing yardage career record if he gains as much as in his junior year.

Perhaps not far behind Bennett in next year's National Football League draft will be Wake Forest quarterback Gary Schofield. He's the only major-college passer who has averaged over 20 completions per game during his career.

The state's best runner is N.C. State tailback Joe McIntosh, who looks much like comedian Eddie Murphy, and who is almost as shifty and smooth.

Other standouts are North Carolina alternate tailbacks Ethan Horton and Tyrone Anthony. But they could be more effective because of better blocking—who said teamwork is dead? One or both should give the Tar Heels their 11th straight season with at least one 1,000-yard rusher.

UNC does have two national class tackles, William Fuller on defense and Brian Blados on offense. And if the name of the game is football, the area's top star might be Tar Heels placekicker Brooks Barwick, who set an ACC record for kick scoring with 97 points last year.

East Carolina also has a star kicker in Jeff Heath, who booted a school record 16 field goals last fall including a state-record 58-yarder.

Other individuals to watch—while most area teams struggle to have winning seasons—are these:

Wake's all-ACC split end Tim Ryan, who has been moved to flanker, and Duke wide receiver Mark Militello; they should benefit most from the air barrage b

Schofield and Bennett.

As usual, there is a bevy of running backs of star potential.

Deacon running back Michael Ramseur gained 966 yards and was the ACC's top freshman. The Wolfpack's Mike Miller is an outstanding backup to McIntosh, and fullback Vince Evans also is dangerous.

Appalachian State fullback Alvin Parker and tailback Johnny Sowell both averaged over 5.5 yards per carry last year. Livingstone tailback JoJo White, only a junior, already is a two-time all-CIAA pick and gained 1,149 yards in 1982. Western Carolina tailback Leonard Williams had 20 touchdowns and 1,808 yards rushing in two seasons but missed last year after a first-game injury.

Add to the stars Tar Heel safety Willie Harris; Wake's all-ACC punter Harry Newsome (42.6 average); Wolfpack linebacker Andy Hendel; Duke center Philip Ebinger and tailback Mike Grayson; N.C. Central quarterback Gerald Fraylon; Johnson C. Smith linebackers Craig Warren (178 tackles in '82) and Stephone Darby; Winston-Salem State offensive tackle Jonathan Nimmons, an NAIA all-America at 6-4, 255; and receivers Cameron Brooks (71 catches) of Gardner-Webb and Tim Setzer (34 catches) of Catawba.

How does all this translate into team performance?

North Carolina could be better than anticipated after the loss of tailback Kelvin Bryant—the pro U.S. Football League's most valuable player during the summer—as well as some outstanding blockers and linebackers.

Coach Dick Crum, 42-16-1 and 4-0 in bowl games at UNC, keeps coming up with blockers. New guards Greg Naron and Willy Austin should team with Blados, returning tackle Joe Conwell and tight end Arnold Franklin to keep the Tar Heels moving on the ground.

The attack could shift to outstanding if quarterback Scott Tankavage realizes the high potential he has flashed at times. A senior, he is starting security for the first time. He helped set a school passing record of 1,887 yards last year, but

completed only 49.4% of his passes and lost two of his top three receivers.

Defensively, UNC has well-regarded players at every position, although a few aren't proven. But the biggest defensive hurdle probably will be how the team comes back from a strange affliction over the last half of the 1982 season that saw them missing tackles and confused over the problem.

That affliction was strange, because it contradicted the Tar Heels' rating as the No. 2 defense in Division I-A in yardage yielded (237 yards per game).

Crum vowed his team would never look as poor tackling again. His team appears headed for its fifth straight season in the final wire service polls' top twenty ratings, but even with sharp tackling, a return to the top ten (1980 and 1981) appears out of reach.



Team outlooks aren't too bright for the 1983 football season, but outstanding individuals are expected to dance across the turfs to keep interest riveted on the gladiator sport



Duke, having put together back-to-back winning records for the first time in more than a decade, has its sights set on a bowl bid. But even with all the excitement about Bennett's senior season and new coach Steve Sloan, those plans could be sabotaged.

The saboteurs would be a defensive unit that gave up 420 yards per game, and an offensive line that was overhauled after last year's splendid unit graduated. Only center Philip Ebinger, an all-America candidate, returns. If replacements aren't competitive right away, Bennett's shot at NCAA passing records could fall short. His pass protection would suffer, as well as the balance that tailback Mike Grayson's running could offer the offense.

Bennett owns 31 Blue Devil records, but the big mark he's got his sights on is the 9,536 career yards by former Brigham Young quarterback Jim McMahon. Bennett has 6,528 yards after gaining 3,033 last year. If he hits for 3,009 this season, the record is his.

The quarterback position probably will push Wake Forest ahead of N.C. State in the standings. The Deacons, who lost all six ACC games last season, have Schofield and a stronger offensive line. The Wolfpack doesn't have a quarterback in camp who has taken a single varsity snap for it.

Schofield was inconsistent last season, partly due to an injury, but still completed 56.4% of his 376 passes for 10 touchdowns and 2,380 yards.

Deacon coach Al Groh is even more pleased with increased team strength, and his second straight class of "solid, first-class ACC recruits."

N.C. State's quarterback plight wouldn't be so worrisome to new coach Tom Reed if the offensive line hadn't been rebuilt, with a few bricks still missing. The McIntosh-Miller-Evans tandem is strong enough to take the heat off, if blocking is merely adequate. Reed was optimistic about that in fall practice.

But the Pack also could be weak on defense against good teams, with linebackers Hendel (167 tackles) and Vaughan Johnson (161) the only truly bright spots.

East Carolina should be a potent ground team with tailback Tony Baker (827 yards, 6.6 average) and fullback Earnest Byner (768, 5.5) running behind a big, experienced line that features all-America candidate Terry Long, a 300-pounder. The defense is sound as led by free safety Clint Harris, an honorable mention Associated Press all-America.

But the Pirates will have trouble improving on last year's 7-4 record, with trips to Florida State, Florida and Miami (Fla.).

Meanwhile, Western Carolina won four of its last five games in 1982 and open this season strong and experienced in every area except quarterback. A breakdown there could cause 15-year coach Bob

Continued on Page 28

A Season Of Stars

Continued from page 27

Waters's intricate offense to falter. Western will have a tough time beating out Southern Conference (I-AA) favorites Tennessee-Chattanooga and Furman, but the task isn't impossible.

Appalachian State had a lot of upperclass attrition, so new coach Mack Brown could have a rough inaugural season as a head coach. Brown should have a go-go group at ASU with Parker and Sowell running, Randy Joyce back throwing after an early 1982 injury and a relatively experienced offensive line.

The Apps' problem is defense, which failed to hold halftime leads six times last year.

Davidson doesn't compete for the Southern Conference title, although it will get back into a full league schedule within a couple of years. The Wildcats play only two league games this fall, and should have a good offense out of the tricky Wing-T. The defense is largely suspect.

Guilford expects to improve its 5-5 record in NCAA Division II, based on a balanced offense and perhaps the best Quaker defense in years. Linebackers Micky Bazzle and Scott O'Kelley are defensive stars, and running backs Charlie Heard and Mike Reardon averaged five yards per

carry.

N.C. A&T will consider winning a Mid-Eastern Athletic Conference game an improvement, because they haven't had one of those in two seasons. Quarterback Alvin Grier was the MEAC's No. 2 passer, and there should be strong running by Wayman Pitts and Mike Jones. But the Aggies won't be improved by much.

Elon slipped to 7-3 in '82 after back-to-back NAIA national championships, but should battle Carson-Newman for the SAC-8 title. Tight end Kelly Stanley, blockers John Murray and Eddie Hernandez and running back Fred Jordan key the offense, and ends Jeff Cooper and Mark Dennis are outstanding on defense.

Lenoir-Rhyne surprised the SAC-8 by finishing 5-5-1, and the improvement should continue under second-year coach Henry Vansant if the Bears can avoid injuries.

Catawba lost nine games last year, but none by more than eight points. If the fairly experienced Indians take to new coach Pete Stout's new wishbone-T offense and wide-tackle-six defense, the team could improve by bounds.

Gardner-Webb also has a new coach, former Citadel assistant Ellis Johnston, who has 15 starters back

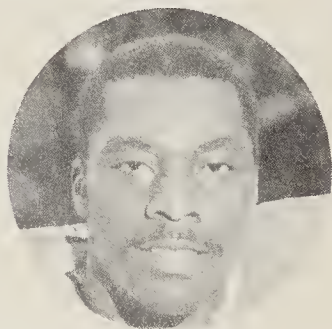
from a 7-3 team. But it will be tough replacing prolific quarterback Chip Stuart, placekicker Carlisle Koonts and leading rusher Jamie Pope. Wide receiver Cameron Brooks was an all-America, and offensive lineman Dan Mayo and Roger Greene were all-conference.

Mars Hill fired coach Claude Gibson last season, leading to a forfeit loss, player dissension—and a long way back in '83. New coach Rick Gilstrap says he's starting from scratch.

Elizabeth City State lost coach John Walton to the U.S. Football League (as a quarterback), but has the nucleus to improve on its 5-5 record. N.C. Central lost five all-CIAA players, but is strong enough to win the Southern Division again. Livingstone rose to 5-5 in coach Mel Rose's second season and goes for the title with 18 starters back. Johnson C. Smith broke its string of six losing seasons with a 7-3 mark and has 16 starters back.

Winston-Salem State stumbled to 3-7, but has 19 defensive lettermen back, plus injured tailback Alex Cowan and a new multiple offensive attack. Fayetteville State has 40 of 46 lettermen back but is missing a proven quarterback in its effort to improve on a 2-8 record.

—Glenn Rollins



Joe McIntosh
N.C. State



Scott Stankavage
UNC



Gary Schofield
Wake Forest



Jeff Heath
ECU



Ben Bennett
Duke

Timberlake Prints Offered To Cancer Center Supporters

A limited edition print of a painting by Lexington artist Bob Timberlake is being offered by the Duke University Comprehensive Cancer Center as a means of stimulating public support for the center.

The print offering stemmed from Timberlake's interest in contributing to the research efforts at the center after he visited the facilities and became acquainted with its work.

"It took only one visit to impress upon me the importance and value of your cancer research projects," he wrote in a letter to the center's director.

The print, "Jonquils," is being offered to donors in three styles: Signed and numbered prints for donations of \$500 to \$2,500. Donors giving \$2,500 will receive signed and numbered remarqued prints featuring a watercolor image or study hand-painted in the margin below the print.

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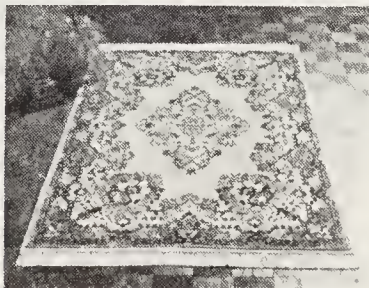


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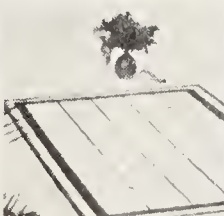
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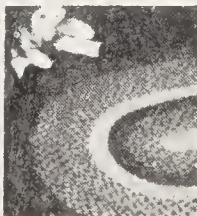
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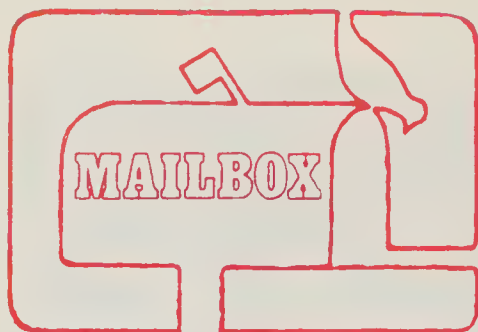


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"Cruelty Is Cruelty"

Cruelty is cruelty. There is no justification whatsoever for it. Hunters, trappers, poachers, animal lab workers and some veterinarians all belong to the dominionist's arrogant world view, which is self-destructive and spiritually self-limiting. Their views are being challenged by those who have more pantheistic reverence for all life. Society is changing and they are all having difficulties adjusting to it.

Perhaps the millions of dollars spent by the hunters and trappers as well as taxpayers and wildlife protection organizations would not be necessary if man's killing of the animals were stopped. The money spent by hunters and trappers is not to benefit wildlife but to ensure they have the sadistic thrill of the kill for years to come.

As for trappers who use the steel-jawed leghold trap, I sincerely hope they all get caught in one. The trap is the most abominable instrument of torture ever inflicted on animals by the hands of man. These traps have been outlawed in 60 countries worldwide yet they're still legal in the United States. The most sickening thing about it is our government is one of the biggest users. Tragically, nearly 30 million animals, including beloved family pets become caught every year in these traps. Children have also been caught in them.

For lovers of God's animals there is a bill in House Subcommittee on Health and The Environment to eliminate the use of this particular trap. Rep. Henry E. Waxman, chairman, and Rep. James T. Broyhill of North Carolina are on this committee. Write to them at House Office Building, Washington, D.C. 20515, and urge their support of this bill.

Ways of raising and slaughtering

the animals we eat for meat is also being questioned. Why, for example, is it necessary to raise veal calves in wood crates four feet long by two and one-half feet wide? There is not even enough room for the animal to turn around in. They spend their entire lives in these crates totally in the dark. Chickens raised too many to a cage is also questioned.

Did you know in Europe the rage is for animal welfare meat? People still eat meat but they are concerned for the humane raising of the animal. This questioning of the farmer is in no way to condemn him; merely it is expressing a desire for more humane conditions for the animals they raise. Farmers are *unappreciated* and this also *must* change.

As far as using products made from animals, this too is on the decrease as stronger laws are passed to protect the animal from being exploited. More and more people would rather use a substitute.

In all nations where animals are

better protected, such as Sweden and Denmark, the sick, the old, the unwed mothers and abandoned children are also better protected. We as a nation must start treating our animals better as God did not give us the gift of His animals to torture.

It's their world too!

Lynn Toler
Maggie Valley

After Discovery, She Wants More "Interesting Reading"

Today, while stocking merchandise in the store where I am employed, I found a page from the December, 1975, issue of *Carolina Country* used as packing in a box of chain saw parts. Since I am an avid reader, I just had to read the letters in "Mailbox" and the delicious recipes (at least they sound delicious). Now, I feel I need to subscribe to your publication for more interesting reading.

Mrs. Earl R. Triplett
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Raise \$160 to \$800 or more for your church or group with this festive

Set of 6 Christmas Toyland Ornaments

This set of six appealing, handmade, hand-painted wooden tree ornaments, in a see-through box, will be your group's biggest fund raiser ever!



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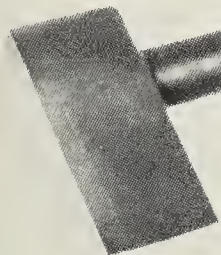
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HIGH CARBON
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- No struggling lifting heavy logs up to high priced power splitters.
- No gasoline, no set-up, no takedown.
- Shape of head prevents sticking.
- Drop'em, sow'em, stond'em up and split'em.
- No gimmicks, just simple physics.

**GUARANTEED 10 YEARS
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For many years, you've seen our ads and read unsolicited letters from folks just like you, saying how unbelievably effective the Monster Maul really is. Try a **MONSTER MAUL AT OUR RISK!** Within one year, if you don't think it's the fastest, least tiring method of splitting firewood, let us know, and we will give you your money back, including shipping... plus it's guaranteed against failure for 10 years.

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GOING STRONG

Good Morning Monster Makers! When the UPS man delivered my maul, he looked at me — I am 5'4" and weigh 140 pounds — and said what are you going to do with it? I don't split wood all day but when I need to, your maul is such an improvement over the equipment that I had. I am so pleased. I will be 90 years old in June.

Lewis B. Plummer, Middletown, R.I.

ADD "UMPH"

TO YOUR SWING!

Just a few lines to tell you how pleased I am with your Monster Maul. I purchased your 15 lb. about 2 months ago, and have since split at least 5 cords of firewood, mostly red oak and elm. The extra weight (as compared to conventional splitting mauls) handles very easily and adds extra UMPH to your swing! It is very well balanced, durable, and makes wood-splitting almost fun! My father has an 8 lb. splitting maul with a conventional wooden handle and has had to buy at least 3 replacement handles in the last couple years. Your all steel handle makes the occasional over strike much less expensive, and handle replacement a thing of the past. I'm not denying that I've gotten hung up a few times when splitting elm, since elm is such a stringy wood. But the oak splits first swing every time, even the biggest blocks. Thanks again for a fine product in the Monster Maul. P.S. Would you please send me a copy of the "Famous Sotz News" with money and energy saving ideas. Thank You.

William Coolidge, III, Jay, NY
JOIN THE CLUB

If your Lift-N-Saw is just half as good as my Monster Maul I'll be happy. I love my maul! Boy, what a time saver! I've used it now for two seasons and am proud to own one. I also love your Sotz newspaper. Keep it coming. Sure got a hoot out of the article on "How Not to use the Monster Maul." P.S. Do you think we could get a M.M. owners' club started?

Marlo Whitaker, Brigham City, UT
DOCTOR REPORTS!

I recently purchased your "Monster Maul". It is gratifying to find a mail order item that is exactly as advertised. I split knotty, live oak with little difficulty. The most amazing thing to me is that compared to all the other systems, I have ever used, the Monster never gets stuck. Also, the newspaper that accompanies the maul is full of useful information. Being on the receiving end of many work-related injuries, I appreciate the emphasis on safety as well.

Ira B. Fishman, M.D., King City, CA
MONSTEROUS!

This letter is being written to thank you for letting the world in on your wonderful, high quality, and simply fantastic, tools & equipment. Your "Monster Maul" is just the most hard working, beat-taking "Monstrous" device that has ever come on the market, and needless to say, we are totally happy with it. As we are located in a very wooded area, we have found it necessary to use wood heat in our offices & school in the winter months, and I don't have to tell you that without your "Monster Maul" we would have never made it.

Rabbi Israel Stock, Trumbull, CT

Students from the North Carolina School of the Arts during a performance of *Jazz Is*, a national touring production that was presented in 20 cities across the nation last year.

Where Dreams Debut

Television documentary profiles the North Carolina School of the Arts in Winston-Salem.

Tar Heels have known it all along, but the entire country will soon come to realize just how remarkable the North Carolina School of the Arts is.

A national audience will soon have a chance to see a one-hour television documentary on Public Broadcasting Service stations that offers a behind-the-scenes look at the school's stars-in-the-making.

"Where Dreams Debut: The North Carolina School of the Arts," which was produced by the University of North Carolina Center for Public Television, will air Sept. 26 at 8 p.m.

"You can't miss the energy at the school," says producer Robert Kanter. "It happens everywhere. You can't walk to class without finding four people stretching in the corridors before their dance class. And the drama students are walking down the halls memorizing lines almost 24 hours a day. People here just don't seem to sleep very much."

Comparisons to the movie and television series "Fame" are inevitable, but Kanter replies:

"I know that a lot of comments have been made that we're simply remaking 'Fame', but let me tell you, this is real. It's a real documentary about real people with real lives and real dreams."

With guest appearances by Jean



Stapleton, Issac Stern and Gregory Peck, "Where Dreams Debut" documents the hard work and dedication of some of America's finest young talent. Filmed in an environment which demands excellence and commitment, the show offers a unique look into the minds and spirits of aspiring performing artists.

“

A lot of comments have been made that we're simply remaking "Fame," but let me tell you this is real. It's a real documentary about real people with real lives and real dreams

”

In one special part of the film, camera crews capture the intensity of a five-week national tour conducted by a troupe from the school last summer. The performers presented "Jazz Is," a review of the history of jazz, for nearly 50 performances in 20 cities throughout the country.

The tour introduced the students to the grueling life on the road, says Kanter.

"These kids learned what it is like to be in a bus for almost two months, on the road, playing to crowds ranging in size from just a handful of people to an audience of more than 35,000. These were good lessons to be learned, but they were hard lessons."

But the North Carolina School of the Arts is not just road tours and television documentaries: it's also a lot of very hard work.

The unique school, which opened in 1965 in Winston-Salem, accepts students in grades seven through college, offering a fully accredited high school program, and bachelor of fine arts and bachelor of music degrees. The school is part of the statewide University of North Carolina system.

"Where Dreams Debut" documents the school's realistic, professional environment, which begins with an audition or portfolio review for all applying students. About one out of four candidates is recommended for acceptance. Demonstration of talent and career potential are continuously evaluated, and students must be invited to return for each successive year.

Productions of the documentary was made possible by a grant from R. J. Reynolds Industries of Winston-Salem.

TV Shows Feature Arts Of Yesteryear

The blacksmith's tapping, the dulcimer's tune, the fragrance of a hickory wood fire—these are the sounds and smells of the "good old days" that are now making a comeback thanks to the back-to-the-land movement.

That movement and the crafts explosion of the past decade reflect the nation's nostalgia for what seemed to be a better time—a time of thick woven woolens, hand-whittled toys and sturdy items made to last.

Just such items as these will be featured as part of a showcase of the arts of pre-industrial America in a seven-part series on "Folkways," now being aired by the University of North Carolina Center of Public Television.

The series, which premieres Sept. 3, is broadcast each Saturday at 4:30 p.m., with repeats each Tuesday at 7:30 p.m.

Hosting the programs is mountain musician David Holt, who visits with craftspersons who are keeping these arts alive and passing them on to future generations.

Among those featured are Darry Wood of Hayesville, who demonstrates how the pioneer built his cabin and wring his living from the land; Edd Presnell of Banner Elk and Stanley Hicks of Vilas, who make banjos and dulcimers; weaver Wilma McNabb of Murphy; potter Burlon Craig of Vale and Willard Watson of Deep Gap, whose whimsical carved toys are reminiscent of those that charmed children 200 years ago.

Other North Carolina craftsmen featured are Juanita Wolfe of Cherokee, Gertrude Aull and Gordon Parris, both of Hayesville, Barbara Miller of Pisgah Forest and the late May Deschamps of Swannanoa.

Host David Holt is a musician, storyteller and recording artist

who has spun a mountain tale or two and performed from New York's Artpark to the Grand Ole Opry.

He plays traditional instruments such as the banjo, dulcimer, accordion and autoharp, and some that aren't so traditional—spoons and paper bags. His natural humor belies the fact that his experience comes from a solid academic background as a former director

of the Appalachian Music Program at Warren Wilson College and archivist for the Library of Congress.

Shot on location in the Appalachian Mountains, "Folkways" is a series filled with music, beauty and old-fashioned charm. It looks back in nostalgia while showcasing artisans whose crafts are American "living treasures."



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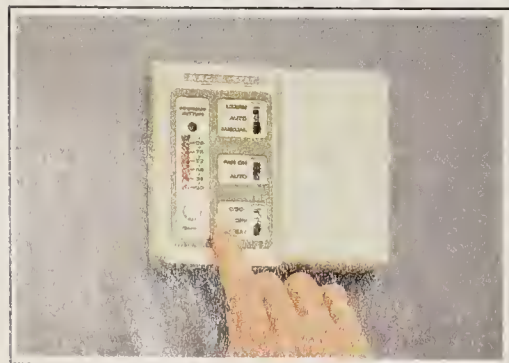
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If we ever compile a book on *The Old Ways That Were Better Ways*, we will certainly include a chapter on lambswool dusters. On its own lambswool actually attracts and holds dust like a magnet. The static charge in the wool causes dust literally to leap off surfaces where it has accumulated, making these dusters just the thing for dusting bric-a-brac, china, crystal, pictures and other fragile items. Recently we were introduced to two exciting new versions of our old time favorite, the mini-duster and the

BOOKLIGHT



light ideal for reading. The light weighs just a bit over 2 oz. and is attentively crafted with two swivel joints and a special distortion-free lead crystal optical bulb. The Booklight comes with a battery pack (batteries not included), AC adapter, 8' cord and spare bulb all neatly packaged in a box that looks like a book. **\$29.00** (\$3.95) #A685. Backed by a one-year limited warranty.

Here's a new tool that will brighten the life of any bookreader. It is a light that clips right on the book or magazine you are reading, flooding the open pages with a cool strong

bent-handled duster. The standard 27" long duster costs **\$7.00** (\$1.95) #A780; the bent-handled model is **\$8.00** (\$1.95) #A781; two mini-dusters cost **\$8.00** (\$1.95) #A794. We can send you the entire group, a total of four dusters, for just **\$16.00** (\$2.95) #A783.

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Simple Green is an oven cleaner. Bathroom cleaner. Window cleaner. Floor cleaner. Stain remover. Laundry pre-soak. Upholstery cleaner. Rug cleaner. Leather and vinyl cleaner. Simple Green is non-abrasive, non-caustic, low-phosphate and biodegradable. It has no bleach, ammonia or petroleum. It is approved by U.S.D.A. This industrial strength cleaner is used in restaurants, car washes, hospitals, airlines and oil rigs. We are pleased to be one of the first to offer Simple Green nationally. Technically, Simple Green is a blend of synthetic penetrants that emulsify and suspend oil for cold-water rinse. It can be used on anything you use cold water on. We can send two 16 oz. spray bottles of Simple Green for **\$9.00** (\$2.95) #A698; two 16 oz. bottles plus a natural ocean sponge for **\$12.00** (\$2.95) #A828 or one gallon plus an ocean sponge for **\$21.00** (\$3.95) #A827.

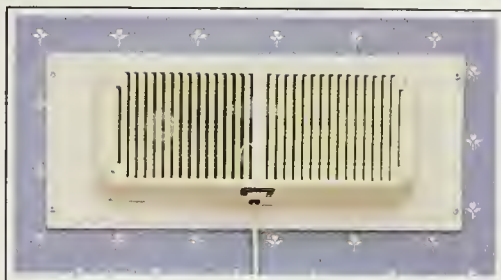


gram can accommodate 6 different temperature settings each day through a cycle of 7 days. Programming is simple — accomplished with a single button — but provides all the flexibility you need to tailor home heating/cooling to your particular schedule and lifestyle. A manual override can be used to respond to temporary changes in circumstances such as illness. Best of all, you can install it yourself in place of your present thermostat in about 10 minutes. No wiring to the furnace, just fasten existing thermostat wires to a color-coded connector panel. All you need is a screwdriver and a 9-volt battery (for backup, so you don't lose your program in a power outage.) You are protected by 3 guarantees: (1) our usual 30-day no-hassle guarantee; (2) the manufacturer's performance guarantee, money back if you don't save the cost of the unit in the first year of operation; (3) a limited 3-year warranty on the product itself. The unit also qualifies for the 15% energy tax credit. The thermostat works just as effectively with central air conditioning. **\$79.00** (\$3.95) #A855.

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Good air circulation throughout your home means increased comfort and better heating efficiency. But every home has its problems, whether it's high ceilings, unusually large rooms or later additions. Here are two excellent ways to help *direct* air and *balance* temperature. The **room-to-room temperature balancing fan** (shown below) mounts high in the frame of a doorway (doors can still be closed) where it recirculates warm air down into the



room. The ConServ fan has a 110 volt motor with a 10 foot cord and an in-line switch. It measures 5½" x 5" x 3½". **\$28.00** (\$3.95) #A397. The **register fan** (shown above) fits right in the register outlet, sucks heat up the duct and pushes it out into the room. A heat sensor in the switch turns the fan on automatically as the heat comes up (there is also a manual control, which means you can use it in the summer to move the cool air off the floor and up into the room). The booster fan (actually it is two 4" fans running together) fits all wall registers up to 6" x 14" and plugs into any electrical outlet. It comes with 9' of cord and costs **\$40.00** (\$3.95) #A536. We also offer the room-to-room fan and the register fan as a set for **\$60.00** (\$6.95) #A667.

SAVINGS IN THE SHOWER

This finely crafted shower head called the Deluxe Fuel Saver, cuts the use of water — hot water — in the shower from 5 or 8 to 2.45 gallons per minute. With the conventional shower head, the average family of four uses 300 to 400 gallons of water — much of it heated — everyday. According to U.S. Department of Energy figures, with the Deluxe Fuel Saver that same family uses 70% less water in the shower and realizes a savings of between \$150 and \$350 depending on the utility rates. The Deluxe Fuel Saver also offers a "trickle valve" that allows you to stop water flow while soaping up. Made of chrome-plated solid brass, the Deluxe Fuel Saver is accompanied by a one-year limited warranty. It installs easily over the standard ½" shower arm with pliers or a wrench — no plumber is needed. We offer the Fuel Saver for **\$14.00** (\$2.95) #A800. Two for **\$26.00** (\$3.95) #A8002.



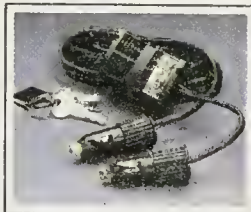
WATERING WHIZ



Do your houseplants run you ragged, back and forth, trip after trip, watering can in hand? There is an easier way: with an indoor garden hose you can water them all in a single trip. This 50' vinyl hose comes complete with a set of four adaptors that readily attach to most indoor and outdoor faucets. From there you just take the water where you want it, an easy-control handle allows you to turn a splashless stream of water on and off as needed. This indoor hose comes with a snap-in misting attachment, so after you water the roots you can spray the foliage. It costs just **\$11.00** (\$1.95) #A681, two for **\$19.00** (\$2.95) #A6812.

EASY CHARGE

Your car battery is dead. How would you like to recharge the battery and start the car *without ever opening the hood*? Sound impossible? It's not, thanks to the Easy Charge, which takes the old idea of jumper cables and refines it to a new level of ease, convenience and safety. With traditional jumper cables you have to maneuver a second car fender-to-fender with the disabled car, open both hoods, and attach leads from battery to battery. The Easy Charge simplifies this process brilliantly by substituting connection from cigarette lighter to cigarette lighter. You just plug one end of the Easy Charge into the lighter of a running car, pass the 16' cord through both car windows and insert the other end in the lighter of the disabled car. A trickle charge immediately starts flowing into the dead battery. After a few minutes' wait the battery is recharged sufficiently to restart the car. The Easy Charge is small enough to fit in the glove compartment. **\$20.00** (\$2.95) #A629. Two for **\$37.00** (\$3.95) #A6292.



GIVING DUST THE BRUSH

Saving energy means paying attention to the small things around the house — like the refrigerator coils. Once these coils become coated with dust, the efficiency of your refrigerator drops dramatically, especially during the summer when refrigerators work hardest. Simply cleaning the coils — and keeping them clean — can reduce your refrigerator's electric consumption as much as 10%. This brush, angled and with tapered bristles, is designed to clean deep in the coils where vacuum cleaners and dust cloths won't reach. It is a full 27" long with 12" of bristles and a sturdy 15" wooden handle. It costs only **\$8.00** (\$1.95) #A427.

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Tar Heel Sights by Marguerite Schumann. East Woods Press, Charlotte. 192 pages. \$8.95.

If I were a newcomer to North Carolina, and looking forward to seeing a lot of the delightful vistas that cover this great state, I believe I'd want a guidebook with a tough but flexible binding just like this new one. And, come to think of it, I'd want the data on the pages between those covers to be a lot like this as well.

This neat little book, measuring only five by eight inches, deals with the cultural attractions of our state. You'll need to look somewhere else to find the best place to dine or to spend the night, although the Grove Park Inn at Asheville and the

Radisson Hotel in Charlotte are mentioned for their style. So is High Hampton Inn, near Sylva.

But this book hits its stride when it covers historic districts—Murfreesboro, Southport, Hillsborough, Kenansville, Edenton and a dozen others—or when it tells you about such spectacular sights as the Battleship North Carolina, Biltmore, Mount Mitchell, the State Capital and even the North Carolina National Bank Building that epitomizes downtown Charlotte.

Compiling this book took five years. Margaret Schumann, publications officer for the University of North Carolina, was encouraged in the project by Sam Ragan when he was North Carolina's first Secretary of Art, Culture and History. He also contributed a foreword.

The book is divided rather unequally into Coastal Plain, Piedmont and Mountain sections. The first takes 68 pages, the Piedmont 74 and the Mountains only 30.

Two useful appendices are the

glossary, where you can learn the difference between Italianate Revival and Queen Anne style, and a detailed index. An abundance of black and white photographs illustrates the attractions listed. The only color plate is a shot of Biltmore on the cover.

The author is candid to reveal that some of her material is not new. Compiling her impressive array of "Sights," she used the *National Register of Historic Places, Guide to North Carolina Historical Highway Markers*, city and county architectural inventories and histories, and several other works.

The technique worked. This is an excellent book both for new people and for those of us who sometimes think we're pretty familiar with the Old North State.

If the book is not available from your bookstore, it may be obtained by writing East Woods Press, 429 East Boulevard, Charlotte 28302. The notice mentioned no postage or shipping. This is an excellent buy at \$8.95.

—Frank Jeter Jr.

Southern Dreams and Trojan Women by Leo Snow. 297 pages. Astyanax. \$8.95.

"... a story of love found in unlikely places, of a spiritual battle we all must fight between hope and despair, two elements as natural as fire and water... This book is about people who work for everything they have; it is about our family; yours and mine."

In his poetic preface to *Southern Dreams and Trojan Women*, Leo Snow promises to tell a story that belongs to all of us. It would be a hopeless promise in lesser hands. But Snow succeeds in fulfilling our hopes.

He knows our human frailties and what binds us together in families. He knows how many of our families existed in the South from 1904 to 1960. He especially knows what our North Carolina ancestors knew—if you don't have dreams and hopes, you might as well be dead.

The novel opens in a cemetery near Mortimer, N.C., where 11-year-old Todd and an old black woman named Mayzelle have come for a special purpose. Todd's grandmother has sent Mayzelle to tell the boy the story of his ancestors, those buried here and those still living.

Mayzelle knows Todd has to hear this story even though it frightens and shocks him. It's through understanding the courage and pride of his family that he will gain the strength to face the inevitable suicide of his own tormented father.

Mayzelle begins by telling how she first met Grandpa Lon and Grandma Lora. She and Lora were picking cotton together in 1904. On the day the two women met, Mayzelle saved Lora from being raped by the foreman in the cotton fields. It was to start a friendship that endured more than 50 years of struggle, Klan threats and prejudice.

The momentum of the story grows as Mayzelle describes the women in this family who worked like dogs,

married for love, raised strong, hard-working children and faced the bleak times with courage. They were independent, heroic women who claimed survival for themselves and their families.

They worked hard in the fields and later in mills. They faced tragedy and despair and heartache. But they kept their dreams alive with each other's help and love.

With fast-paced action and dialogue, Leo Snow leads the reader relentlessly to the final page. He captures the women in the story as if he's lived in their minds. It is an autobiographical novel, mostly fiction based on fact.

Snow published the book himself out of his Morganton office. If there's any flaw to be cited, it is inconsistencies in style and pace that perhaps a major publisher would have edited.

Even so, he has written an unforgettable novel whose strengths minimize the flaws.

—Holly Hales Marion

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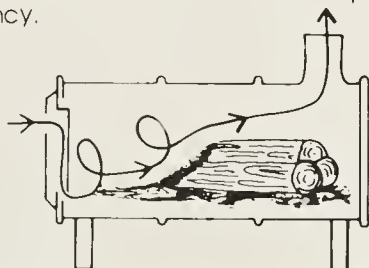
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\$34.92 55-Gal. bottom kit factory pick-up

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Kit converts 55 gal., or 30 to 15 gal., drum (not supplied) into high capacity stoves.

You've seen our ads and read unsolicited testimonials from folks just like you for many years. Before you spend \$400 to \$500 on a wood heater, try a **SOTZ HEATER** kit. If (within one year) you don't agree it outperforms any wood heater money can buy or (within 10 years), if the kit cracks, warps or burns up, your money will be refunded, including shipping charges.

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- With enough nuts and bolts to complete stove.
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- 30 Gal. Sotz has bigger opening (9¼" rnd.) than other brands' 55 gal. kits.

FREE INFO: Add even more efficiency to the already super efficient Sotz Stove with a genuine **Corning Brand** Catalytic Combustor, easily fits existing Sotz 2-Drum Heaters. Learn about heating water, drying wood, fireplace-to-woodstove.

Sotz Inc., 13688 Station Rd., Columbia Station, OH 44028

"THE COMEDIAN"

I knew there was a catch to the stove kit and Monster Maul. For the past 3 years I've read your ads and successfully resisted. Finally I weakened and bought both the maul and kit for the 2 Barrel stove and as I suspected, there had to be a catch. It does heat a basement and upper floor of a 25'x40' building. I'll admit that it does hold the fire for 16-18 hours effortlessly. Sure there are not hot spots or sparks. And maybe the case of assembly does impress me. Some of my neighbors even agree that the maul is better than a 3-pak of wedges and axes. But: If this whole set-up is so all fired great, efficient, convenient, dependable, clean, and low cost, why won't my wife volunteer to cut the wood?

Dr. Larry Vickrey, Louisiana, MO

SNAP! CRACKLE! POP!

Please send current prices as I wish to order another 30 HDD kit. So far, it heats

better and uses less wood, so the Ashley is gone and the "Wonderwood" is next to be replaced.

Second Letter

Sotz heaters hold coals thru the night where units with grates will not. Sotz has no grates to warp and disintegrate, nor firebrick to slow heat and crack/crumble. Sotz heaters also give instant heat! They are easy to assemble. They heat the same space hotter with less wood consumption, they are very efficient heat exchangers! **SIMPLE - CHEAP - EFFECTIVE - WONDERFUL!**

Jim Abatiell, Mendon, VT

BETTER LATE THAN NEVER

How pleased I am with your 55 gallon heater. I turned my thermostat down to 62 degrees last Monday, November 23rd, and have not had to use any of Columbia Gas's high priced gas for heating since. I live in an 80 year old plus home with no insulation and my home temperature has averaged 70-72 degrees. Needless to say,

your kit is the greatest heating item going! Thank you for this great heating system, and my only regret is that I didn't discover it sooner!

Michael P. Roob, Fremont, OH

"DISREGARD THE DIEHARDS"

I have used the Sotz double drum stove for 8 years now. It completely heats 3000 sq. ft. of my residence. My Sotz kit has cut wood consumption in half and requires much less attention feeding the stove. After seeing my stove and the results it gives, several friends have ordered one like it. Of course, there are those diehards who aren't satisfied unless they can spend \$600-\$800 for a heating unit. We Sotz users just smile and mentally count our blessings! My son is 13 years old now and I believe the two of us can make a few extra bucks by selling our surplus wood.

Russell McGuire, Glasgow, VA



Lake Wobegon: Not A New Wave Niagra Falls

There it was, as plain as day, in the newspaper account of the wedding: Beth Dixon of Apex and Gary Morris of Winston-Salem were married in Pittsboro and they planned to honeymoon at Lake Wobegon.

Lake Wobegon?

The name does have a nice ring to it—like many of those posh resorts in the Poconos that run frequent ads in women's magazines. But, this is no new wave Niagara Falls.

The mythical Minnesota town exists only in the minds of humorist Garrison Keillor and the fans of his Saturday night national public radio show, "Prairie Home Companion."

In discussing the put-on, Morris told *The Raleigh Times*: "Our finances being what they were, that was about the only place we could afford."

The "Prairie Home Companion" fan had a complete account of the trip he and his new bride never took.

They got a tour of the town, including Bob's Pretty Good Grocery, where they were given a complimentary bag of groceries, and Bob's Bank, which bestowed upon them one of its famous sock banks. And they dined in style at Dorothy's Chatterbox Diner, he said.

The couple received a year's supply of flour from the Powdermilk Biscuit Company for those biscuits which "make shy

men bold," according to the company's "commercials" on the radio show.

"We're both kind of shy people, so we hope it'll give us the strength to do what needs to be done," said Morris, using another phrase from the flour ads.

Morris had never heard of Lake Wobegon until he met his wife about a year ago. She introduced him to it as they listened regularly to the radio program during their courtship.

The *Times* account of the put-on suggested that life at the Morris household might resemble that of Lake Wobegon's famous hangout, The Sidetrack Tap. That's the dim little place on Main Street, where the pinball machine never tilts, love never dies and time is always about a half-hour slow.

The program, which is aired live from St. Paul, Minn., is broadcast by five stations serving the Tar Heel state from 6 to 8 p.m. each Saturday.

The stations and their FM frequencies are: WFDD, Winston-Salem, 88.5; WFAE, Charlotte, 90.7; WUNC, Chapel Hill, 91.5; WFSS, Fayetteville, 89.1 and WVTF, Roanoke, Va., 89.1.

You Do That Too?

This item about the ravages of aging appeared in the monthly newsletter of Brunswick Electric Membership Corporation, Shallotte. It was submitted by Mrs. H. L. Borthen of Charlotte and Brunswick County.

"I find that one of the most disturbing aspects of aging is my growing inability to recall important information like the Greek Alphabet, the gross national product of Lebanon and where I put my bedroom shoes and glasses.

"This becomes particularly pronounced when I go upstairs to get something. Halfway up I realize I have no inkling of what it is I am going upstairs to get. Should I go downstairs and try to remember what it was I needed, or should I continue on up and look around for something that needs bringing

down? Unable to decide, I resort to sitting on the 'landing' only to discover that after three minutes I have completely forgotten whether I was originally upstairs coming down, or downstairs going up."

This War's Over: The Grass Won!

The poem about kudzu that appeared in the magazine last month inspired Mrs. Vonciel Harris of Rt. 11, Lexington, to write, saying it had "brought back memories of my frustration with Bermuda grass, and the enclosed poem was written last fall in anger and defeat after we dug the potatoes."

It seems the roots of the grass went right through the potatoes, often with two or three potatoes strung on a root.

"We surrendered," she said, "and the garden, now well covered with Bermuda grass, is mowed along with the yard.

Here's the poem, titled "Growing Pains."

With garden tilled, row after row,
Waiting to furnish me with food,
I planted seeds where each should grow,
Anticipating plentitude.

Now, lo, the summer is past,
My strength is over and gone,
My sanity is slipping fast
And I ache in every bone.

Though I fought hard with plow and hoe
No vegetable could thrive en masse;
The only thing that seemed to grow
Was tenacious Bermuda grass!

With wiry roots it slew tomatoes,
Then rushed merrily on with glee
And grew straight through Irish potatoes,
With no effort, quite easily.

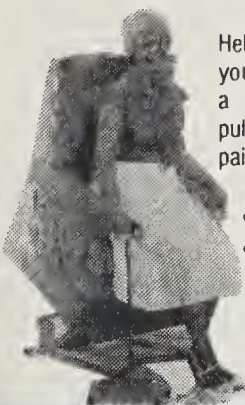
The corn grew smaller, ear by ear,
Its fight to ripen all in vain;
The little carrots paled in fear
While the poor onions wept with pain.

It squeezed the roots of every beet,
Then quickly took it on the lam,
But not before it pinched the feet
Of each Porto Rico yam.

It strangled butter beans and snaps
And I'm sick and tired of feudin';
I'd like to, before my mind flaps,
Give it back to the Bermudans!

—Owen Bishop

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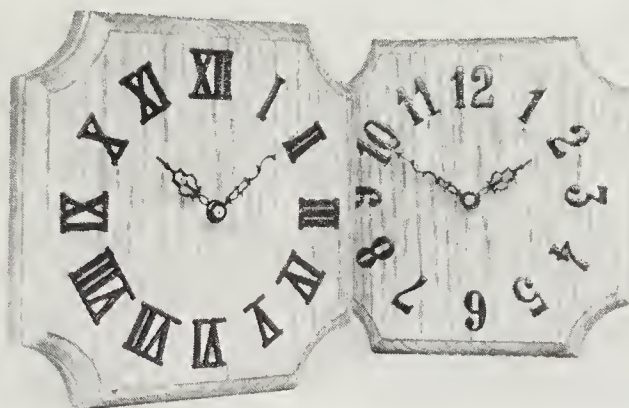


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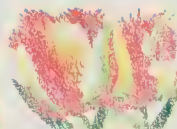
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